

**Business Methods Cases**Search mandatory files for 705 cases  
and cases cross referenced in 705.705/ 14**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Access DB# 5245933

Requester's Full Name: Munie Testamaria Examiner #: \_\_\_\_\_ Date: 10/04/01  
Art Unit: 2162 Phone Number 305-1393 Serial Number: 09382324  
Mail Box Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: 08/24/99

For Sequence Searches Only - Please include all pertinent information (parent, child, division, etc.) along with the appropriate serial number.

- 1) Computer having  $\rightarrow$  audio input  
 $\rightarrow$  display
- 2) output acoustically coupled from a broadcast
- 3) audio signal
- 4) advertisement

$\rightarrow$  a system & method for launching an advertisement on a computer having an audio input interface & a display; an audio output acoustically coupled from a broadcast source to the input interface for outputting an audio signal having encoded in advertisement.

**STAFF USE ONLY**

	Type of Search	Vendors and cost where applicable
Searcher: <u>David Holloway</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-7794</u>	AA Sequence (#) _____	Dialog <u>\$1213<sup>45</sup>/100</u>
Searcher Location: <u>(Ph 2 483)</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>10-16-01</u>	Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____
Date Completed: <u>10-11-01</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>65</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>
Online Time: <u>192</u>	Other _____	Other (specify) _____

Examiner Tesfamariam:

Attached please find the results of your search request re: allowing a broadcast to remotely control a computer.

Please let me know if you would like to try a different strategy or additional terminology in a refocused search.

David Holloway  
308-7794

Set	Items	Description
S1	30	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATH, D? OR JOVAN J? OR JOVAN, J?)
S2	4332880	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	3701031	BROADCAST? OR RADIO? OR TELEVISION? OR TV OR TRANSMISS? OR TRANSMIT??
S4	6904744	CONTROL? ? OR MANAGE? OR COMMAND? OR INPUT OR IN()PUT
S5	2555171	COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR WORLD()W-IDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOMEPAGE? OR URL OR URLS OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE()LOCATOR? OR BROWSER? OR SOFTWARE?
S6	3585425	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	10177189	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SH-OW? OR RETRIEV? OR FETCH?
S8	11	(VOICE? OR SOUND? OR AUDIO?) (3N) (CONTROL?) (3N) BROWSER?
S9	2	S1 AND S2 AND S3
S10	127086	S2 AND S3 AND S4 AND S5
S11	51741	S6 AND S7 AND S10
S12	6657	S2(4N)S4(5N)S5
S13	222632	S6(6N)S7
S14	189	S12 AND S13
S15	139	S14 AND S3
S16	674	S12(S)S3
S17	29	S13 AND S16
S18	42	S8 OR S9 OR S17
S19	40	RD (unique items)
S20	20	S19 NOT PY>1998
S21	17	S20 NOT PD>980824

File 146:Washington Post Online 1983-2001/Oct 11

(c) 2001 Washington Post

File 387:The Denver Post 1994-2001/Oct 10

(c) 2001 Denver Post

File 471:New York Times Fulltext-90 Day 2001/Oct 10

(c) 2001 The New York Times

File 492:Arizona Repub/Phoenix Gaz 19862001/Oct 10

(c) 2001 Phoenix Newspapers

File 494:St LouisPost-Dispatch 1988-2001/Oct 11

(c) 2001 St Louis Post-Dispatch

File 498:Detroit Free Press 1987-2001/Oct 05

(c) 2001 Detroit Free Press Inc.

File 630:Los Angeles Times 1993-2001/Oct 11

(c) 2001 Los Angeles Times

File 631:Boston Globe 1980-2001/Oct 10

(c) 2001 Boston Globe

File 632:Chicago Tribune 1985-2001/Oct 11

(c) 2001 Chicago Tribune

File 633:Phil.Inquirer 1983-2001/Oct 10

(c) 2001 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2001/Oct 11

(c) 2001 Newsday Inc.

File 640:San Francisco Chronicle 1988-2001/Oct 11

(c) 2001 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2001/Oct 06

(c) 2001 Scripps Howard News

File 702:Miami Herald 1983-2001/Oct 10

(c) 2001 The Miami Herald Publishing Co.

File 703:USA Today 1989-2001/Oct 10

(c) 2001 USA Today

File 704:(Portland)The Oregonian 1989-2001/Oct 04

(c) 2001 The Oregonian

File 713:Atlanta J/Const. 1989-2001/Oct 11

(c) 2001 Atlanta Newspapers

File 714:(Baltimore) The Sun 1990-2001/Oct 10

(c) 2001 Baltimore Sun

File 715:Christian Sci.Mon. 1989-2001/Oct 11

(c) 2001 Christian Science Monitor

File 725:(Cleveland)Plain Dealer Aug 1991-2000/Dec 13

(c) 2000 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2000/Nov 01  
(c) 2000 St. Petersburg Times  
File 476:Financial Times Fulltext 2001/Oct 11  
(c) 2001 Financial Times Ltd.  
File 477:Irish Times 1999-2001/Oct 10  
(c) 2001 Irish Times  
File 710:Times/Sun.Times(London) Jun 1988-2001/Oct 11  
(c) 2001 Times Newspapers  
File 711:Independent(London) Sep 1988-2001/Oct 11  
(c) 2001 Newspaper Publ. PLC  
File 756:Daily/Sunday Telegraph 2000-2001/Oct 10  
(c) 2001 Telegraph Group  
File 757:Mirror Publications/Independent Newspapers 2000-2001/Oct 11  
(c) 2001  
File 47:Gale Group Magazine DB(TM) 1959-2001/Oct 10  
(c) 2001 The Gale group  
File 570:Gale Group MARS(R) 1984-2001/Oct 10  
(c) 2001 The Gale Group  
File 635:Business Dateline(R) 1985-2001/Oct 11  
(c) 2001 ProQuest Info&Learning



21/3,K/1 (Item 1 from file: 492)  
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz  
(c) 2001 Phoenix Newspapers. All rts. reserv.

08865160

**WHEN YOU TALK, COMPUTER LISTENS AFFORDABLE VOICE-RECOGNITION HERE**  
Arizona Republic/Phoenix Gazette (AZ) - Monday, December 30, 1996  
By: David Evans, Bloomberg Business News  
Edition: Final Section: Business Computing Page: E2  
Word Count: 800

...likely market.

IBM, Dragon and Kurzweil products allow people to surf the Internet using their **voices** to **control** Netscape Communications Corp.'s Navigator **browser**.

Wall Street is paying attention.

"I've been getting a lot of calls from venture...

21/3,K/2 (Item 1 from file: 630)  
DIALOG(R)File 630:Los Angeles Times  
(c) 2001 Los Angeles Times. All rts. reserv.

00807826 (USE FORMAT 7 FOR FULLTEXT)  
**Toshiba Pins Its Desktop Hopes on All-in-One Machine**  
**Electronics: Irvine-based division is set to introduce the**  
**Infinia--computer, TV, telephone, stereo and more.**  
GREG MILLER, TIMES STAFF WRITER  
Los Angeles Times , Orange County Edition ed, cold, p1  
Tuesday September 10, 1996  
DOCUMENT TYPE: Profile; Infobox; List; Full Run  
SECTION HEADING: Financial Desk  
WORD COUNT: 918

... the screen.

Toshiba's engineers are particularly proud of this little display, which lets users **control** **sound** volume and switch from **TV** to **PC** to **radio** without having to use a mouse to navigate layers of software. There is also a...

...in Irvine and has hired several hundred more in recent months related to the Infinia **launch**, Scott said.

And an **advertising** blitz is scheduled to be **launched** today, with **spots** on network television news **shows**.

The desktop market is generally considered tougher than the notebook market.

Even though sales have...

21/3,K/3 (Item 1 from file: 641)  
DIALOG(R)File 641:Rocky Mountain News  
(c) 2001 Scripps Howard News. All rts. reserv.

09026201

**TALK IT OUT WITH YOUR COMPUTER BIG ADVANCES COMING IN '97 AS SOFTWARE**  
**MAKERS PERFECT CHEAP PROGRAMS ACTIVATED BY SPEECH**  
Rocky Mountain News (RM) - Sunday, January 26, 1997  
By: David Evans Bloomberg News  
Edition: Final Section: Business Page: 6F  
Word Count: 525

...likely market.

IBM, Dragon and Kurzweil products allow people to surf the Internet using their **voices** to **control** Netscape Communications Corp.'s Navigator browser .

Wall Street is paying attention.

``I've been getting a lot of calls from venture...

21/3,K/4 (Item 1 from file: 725)  
DIALOG(R)File 725:(Cleveland)Plain Dealer  
(c) 2000 The Plain Dealer. All rts. reserv.

09006107

**MAC USERS CONVERGE FOR TRADE SHOW**

Plain Dealer (Cleveland) (PD) - Monday, January 6, 1997  
By: FROM WIRE REPORTS  
Edition: FINAL / ALL Section: PERSONAL TECH Page: 6D  
Word Count: 700

...Technology Inc.

IBM, Dragon and Kurzweil products allow people to surf the Internet using their **voices** to **control** Netscape Communications Corp.'s Navigator browser .

Incomplete Nintendo

If you just got a Nintendo 64 and it won't work with...

21/3,K/5 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

05159151 SUPPLIER NUMBER: 20616519 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Rooms to grow: expert advice and cool products to help you create a bedroom that grows with your child.**  
Petrovski, Elaine Martin  
Today's Homeowner, v94, n826, p34(5)  
June, 1998  
ISSN: 1089-4810 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1121 LINE COUNT: 00085

... the room, or at least one wall, your child's favorite color.

Also provide a **spot** where your son or daughter can **display** an art project, an "A" paper and posters. One classic way to do this is...is another essential as children grow up. To contain the jumble of wires from a **computer** , **TV** and **sound** system, a baseboard wire-**management** system like the Wiremold Access 5000 raceway (\$5 to \$8 per linear foot depending on...

21/3,K/6 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04807716 SUPPLIER NUMBER: 19693446 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The lack of public for public schools.**  
Mathews, David  
Phi Delta Kappan, v78, n10, p740(4)  
June, 1997  
ISSN: 0031-7217 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3051 LINE COUNT: 00242

**Mathews, David**

... summer institute on community choice work.(7) The objective is to add a genuine public **voice** to what are otherwise only the **voices** of

special interests, each concerned that its concerns are separate from the concerns of others...troubled families. Should the community try to revive traditional values through special programming on local **television** ? Or maybe the better choice would be to place more responsibility on parents by punishing...

...is what deliberation is - "weighing" carefully. It increases the chances that community decisions will be **sound**, that initial reactions will become more reflective and shared "public judgments." (9) And it helps...

...concept of the public that informs our research in Politics for People: Finding a Responsible **Voice** (Urbana: University of Illinois Press, 1994).

6. For other public-building practices, see chapter 4...

21/3,K/7 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04700970 SUPPLIER NUMBER: 19078769 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Evaluation of neurologic function in Gulf War veterans: a blinded case-control study.**

Haley, Robert W.; Hom, Jim; Roland, Peter S.; Bryan, Wilson W.; Van Ness, Paul C.; Bonte, Frederick J.; Devous, Michael D.; **Mathews, Dana**; Fleckenstein, James L.; Wians, Frank H., Jr.; Wolfe, Gil I.; Kurt, Thomas L  
JAMA, The Journal of the American Medical Association, v277, n3, p223(8)  
Jan 15, 1997

ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7164 LINE COUNT: 00597

...**Mathews, Dana**

...AUTHOR ABSTRACT: War (the nondeployed controls). Method.--With investigators blinded to group identities, participants underwent objective neurophysiological, **audiovestibular**, neuroradiological, neuropsychological, and blood tests. Main Outcome Measures.--Evidence of neurologic dysfunction. Results.--Compared with...

... of Neurologic Function

A neurologist performed a clinical neurologic examination of motor and reflex function. **Audiologists** performed the following tests to assess the functional integrity of the vestibulo-ocular reflex (9...

...evoked potentials (VEPs) from retinal stimulation by a black-and-white checkerboard pattern on a **television** screen. (15,17) For the SEP, separate wave forms were measured over the popliteal fossa...

...technetium Tc 99m-labeled hexamethylpropyleneamine oxime. (20,21) A panel of 3 experts in nuclear **radiology** who interpreted the SPECT scans as normal or abnormal were blinded to the subjects' case...scores of controls for syndrome 2 and of borderline significance for syndrome 3 (Table 2).

**Audiovestibular Function**

The case veterans had substantially greater interocular asymmetry of gain in rotation-induced nystagmus...

...greatest in those with syndrome 2 (P=.03).

Abnormal spontaneous nystagmus was demonstrated by the **audiologist** in various head positions in 4 cases (17%) but in none of the controls (P ...bilateral prolongation of the LP-to-P37 interpeak latency on the SEP, suggesting slowed sensory **transmission** up the posterior columns of the spinal cord to the brain (15); asymmetry of the...

...depression, middle and terminal insomnia, fatigue (meaning daytime sleepiness but not muscle weakness), slurring of **speech**, confused thought process, and migrainelike headaches, had comparable abnormalities generally in parallel with the syndrome...the subjects' ages. Independent of these gross abnormalities, however, numerous objective measurements from neurophysiological and **audiovestibular** tests, which generally did not exceed normal limits (eg, 2 or 3 SDs of a...

...future screening of Gulf War veterans, we suggest that a combination of neuropsychological, neurophysiological, and **audiovestibular** tests, similar to those used in our study, could be agreed on that would accurately...MS, Teriann Scheets, MS, Clay Mainard, MS, Stacy Gordon, MS, and Melissa Waller, MS, the **audiovestibular** tests and BAEPs; Don Harvey, the SPECT scans; Kier Bison, PhD, and Angela Brett, the...

...Drs Haley and Kurt), Otolaryngology (Dr Roland), Neurology (Drs Bryan, Hom, Van Ness, and Wolfe), **Radiology** (Drs Bonte, Devous, Fleckenstein, and Mathews), and Pathology (Dr Wlans), University of Texas Southwestern Medical...MF, Bigio EH, White CL. Brain blood flow in the dementias: SPECT with histopathologic correlation. **Radiology** . 1993;186:361-365.

21. Saha GB, MacIntyre WJ, Go RT. **Radiopharmaceuticals** for brain imaging. Semin Nucl Med. 1994;24:324-349.

22. Snedecor GW, Cochran WG...

21/3,K/8 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2001 The Gale group. All rts. reserv.

04664180 SUPPLIER NUMBER: 18891361 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Earth to Apple: advertise!(The Desktop Critic) (Humor) (Column)**

Pogue, David

Macworld, v14, n1, p266(2)

Jan, 1997

DOCUMENT TYPE: Column ISSN: 0741-8647 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1314 LINE COUNT: 00102

... abstract when Apple should have confidence and hard facts tattooed across its forehead.

Compaq's **TV ads** show its computers responding to voice **commands** ; IBM shows off a **PC** with a built-in answering machine--features the Mac has had for years. What's...

...the Mac has enough sexy features to last through Mission: Impossible VIII. Let's see **ads** showing someone playing a music CD in the background while retouching in Adobe Photoshop. Show a...

...spreadsheet and save the big business deal.

How Do You Spell PR?

But as 1996 showed , even **advertising** is only the warm-up act. The main event is PR--also known as "corporate..."

21/3,K/9 (Item 5 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2001 The Gale group. All rts. reserv.

04257976 SUPPLIER NUMBER: 16931081 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Alzheimer and vascular dementias and driving: a prospective road and laboratory study.**

Fitten, L. Jaime; Perryman, Kent M.; Wilkinson, Candace J.; Little,

Roderick J.; Burns, Marcelline M.; Pachana, Nancy; Mervis, J. Randolph;

Malmgren, Roberta; Siembieda, Douglas W.; Ganzell, Steven

JAMA, The Journal of the American Medical Association, v273, n17, p1360(6)

May 3, 1995

ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5212 LINE COUNT: 00435

... living with them.

Vehicle and Instrumentation. - A late-model, dual-control sedan equipped with automatic **transmission** and power adjustments to seats, steering wheel, and mirrors was used. To obtain objective driving measures, the car also was fitted with an on-board **computer** to register **input** from video and **audio** equipment and other special sensors installed in the

car to monitor braking speed, steering, speed...on-the-road eye movement measures were able to distinguish the two populations, with the AD group **showing** significantly less lateral eye movement (scanning) than the Vascd group. This supports the concept that...

21/3,K/10 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

03781291 SUPPLIER NUMBER: 12335096 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**MacUser minifinders: 1001 Macintosh products. (Buyers Guide)**  
MacUser, v8, n8, p87(52)  
August, 1992  
DOCUMENT TYPE: Buyers Guide ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 77991 LINE COUNT: 06173

... a PDS video card, a cable, and a 20-inch Sony Trinitron monitor. Has good **display** characteristics. Resolution is WYSIWYG 72 dpi. Requires Mac IIsi and PDS adapter. \$2,799 direct...2 MB of RAM, a hard-disk drive, a removable-media drive, and a color **display** system. \$199. Multi-Ad Services, Inc., 1720 W. Detweiller Dr., Peoria, IL 61615. 800-447-1950 or 309-692...redraw. New tool palettes (Layers, Colors, and Styles). Can edit in Preview mode. Allows Pantone, **spot**, or CMYK process-color controls. **Displays**, separates, and prints 32-bit-color TIFF images. Compatible with OPI. Version 3.0 reviewed...includes custom hardware that connects the Mac and a phone line plus easy-to-use **software** modules for handling multiple **voice** -mail boxes, fax **transmission**, and remote **control** from a separate phone. Requires dedicated Mac with 4 MB of RAM, System 6.05...

21/3,K/11 (Item 7 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

03548408 SUPPLIER NUMBER: 10645730 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mitsubishi Electronics America Inc.: Mitsubishi AM-3501R. (Hardware Review)**  
(one of nine evaluations of large-screen monitors in 'Presentation monitors') (evaluation)  
Quain, John R.  
PC Magazine, v10, n9, p363A(3)  
May 14, 1991  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 799 LINE COUNT: 00067

... unlike the other Mitsubishi monitors here, this model and the AM-3151A are as much **televisions** as they are computer displays. Not only does this set include BNC connectors for RGB input and output, a 25-pin analog **input**, a 9-pin TTL **input**, and stereo **audio** inputs to fulfill its role as a **computer** monitor, it also boasts a full complement of NTSC composite video connections. These included three...

...corners here (in fact, the screen is half an inch larger than the company's **advertised** spec). If you require a large **display** for multimedia demonstrations, the AM-3501R will keep your presentations in focus.

21/3,K/12 (Item 1 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2001 The Gale Group. All rts. reserv.

01604180 Supplier Number: 47146300 (USE FORMAT 7 FOR FULLTEXT)  
**Webcasts Could Be Wave Of The Future For Radio**  
Reece, Doug  
Billboard, p1

Feb 22, 1997  
ISSN: 0006-2510  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; General  
Word Count: 1324

... in online broadcaster AudioNet last November.  
Premiere executive VP of programming Tim Kelly says that **AudioNet** will **manage** Premiere's **World Wide Web** site, recycling material from the **radio** network for Internet **broadcast** and creating programming specifically for the Internet.

'We see a lot more room for niche...

...D.C.-based Intervox Communications, says the group is concentrating on legal, technological, content, and **advertising** issues. It has also **launched** educational committees to help broadcasters and other groups understand the ramifications of webcasting.

'The Internet...

**21/3,K/13 (Item 2 from file: 570)**  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2001 The Gale Group. All rts. reserv.

01417512 Supplier Number: 44451754 (USE FORMAT 7 FOR FULLTEXT)

**Papers: Be interactive leaders or be lunch**

Advertising Age, v0, n0, p16

Feb 21, 1994

ISSN: 0001-8899

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 640

... takes over, Mr. Brazeal said. But advertising will still remain newspaper's dominant revenue base.

**Advertisers** and agencies, however, are **showing** a lagging interest for these new services, executives said.

'Early on, particularly on the advertising...

...picture of what new media might look like. Personalized news and advertising could come from **TV** sets activated by **voice** recognition **commands**. Or, a **computer** could generate news on portable erasable displays or flat-screen panels that offer full-motion...

**21/3,K/14 (Item 3 from file: 570)**  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2001 The Gale Group. All rts. reserv.

01215188 Supplier Number: 42299637 (USE FORMAT 7 FOR FULLTEXT)

**Disappearing Storefronts: Consumer electronics retail consolidation accelerates in '91**

HFD-The Weekly Home Furnishings Newspaper, v0, n0, p63

August 19, 1991

ISSN: 0746-7885

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2320

... to enter Denver on its own.

Other chains also continue to expand, such as Sun **TV**, which went public earlier this year to open its first Cleveland stores; Tops Appliance City...

...50 McDuff/VideoConcept stores, eight The Edge in Electronics Stores and launching a dozen branded **computer** superstores.

Rocky Caldwell, marketing **manager** for home **audio** at Philips Consumer Electronics, said the "spend-spend-spend" mentality that drove

1980s expansion is...an updated mix to survive," he said, adding that it involves reinforcing the upgrade with **advertising**, in-store **displays** and training sales people.

Vendors such as Hitachi's Fulton have been warning retailers to...

21/3,K/15 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

0982181 99-45010

**Playing the field Tulsa's ventures spread like tentacles**

Tiernan, Becky

Tulsa World (Tulsa, OK, US) pA7

PUBL DATE: 980824

WORD COUNT: 889

DATELINE: Tulsa, OK, US, Southwest

TEXT:

...coordinating special events, concerts, albums, stage and studio sessions.

Leon Rollerson Video Productions -- produces videos, **commercials** and television **shows** for primarily local audiences.

RBN Rollerson Broadcasting Network -- broadcasts self-produced television and radio programs.

StarTime Entertainment Music -- an agency that books concerts, tours, performances and **management** for client **musicians**.

CommLink Communications -- provider of teleconferencing **transmissions**, **computer** networking and mailings.

Leon Rollerson Marketing -- promotions, sales, **displays** and **advertising**.

PlaceNet distribution -- video, magazine and album placement and retrieval service.

NewsTime magazine -- monthly magazine.

Leon...

21/3,K/16 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

0907652 98-68781

**AN EAR TO THE WEB Dallas-based AudioNet specializes in TV, radio broadcasts over Net**

Goldstein, Alan

Dallas Morning News (Dallas, TX, US) p1.D

PUBL DATE: 980223

WORD COUNT: 1,478

DATELINE: Dallas, TX, US, Southwest

TEXT:

...to download files, which could take hours, before being able to play them back.

**Quality control**

For all the attention **AudioNet** has received in the **computer** industry, **audio** still **sounds** clearer on a **radio** and video is far superior on a **television** set. But the quality of each is much better than

it was two years ago...  
...last year.

AudioNet has three revenue sources. The AudioNet Web site collects revenue for small **display ads** on the screen, and the company can also add audio or video to the ads...

21/3,K/17 (Item 3 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

0235279 91-58328  
**SRS Emerging From Turmoil of Insolvency**  
Johnston, Phil  
Rochester Business Journal (Rochester, NY, US), V7 N15 s1 p1  
PUBL DATE: 910805  
WORD COUNT: 1,080  
DATELINE: Rochester, NY, US

TEXT:

...is counting on the latter in particular to drive the company's growth. It uses **computer -managed** shortwave signals to send data and **voice transmissions** securely over thousands of miles. Company officials said it is a less expensive alternative to...his immediate priorities are to accumulate working capital, rejuvenate the company's marketing efforts--including **launching** a worldwide **advertising** campaign--and upgrade the research and development activities that suffered from lack of funding.



Set	Items	Description
S1	32	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHEWS, D? OR JOVAN J? OR JOVAN, J?)
S2	4741411	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	6193171	BROADCAST? OR RADIO? OR TELEVISION? OR TV OR TRANSMISS? OR TRANSMIT??
S4	235954	S2(5N) (CONTROL? ? OR MANAGE? OR COMMAND? OR INPUT OR IN() P-UT)
S5	35495	S4(10N) (COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR - WORLD()WIDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOME-PAGE? OR URL OR URLS OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE() L-OCATOR? OR BROWSER? OR NETSCAPE? OR EXPLORER?)
S6	8548620	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	443234	S6(5N) (LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SHOW? OR RETRIEV? OR FETCH?)
S8	180	(VOICE? OR SOUND? OR AUDIO?) (3N) (CONTROL?) (3N) BROWSER?
S9	1	S1 AND S2 AND S3
S10	89	S5(S)S7
S11	144	S8 AND S5
S12	233	S10 OR S11
S13	234	S12 OR S9
S14	104	RD (unique items)
S15	44	S14 NOT PY>1998
S16	28	S15 NOT PD=980824:990824
S17	28	S16 NOT PD=990824:20000824
S18	28	S17 NOT PD=20000824:20011020
File	15:ABI/Inform(R)	1971-2001/Oct 11 (c) 2001 ProQuest Info&Learning
File	9:Business & Industry(R)	Jul/1994-2001/Oct 10 (c) 2001 Resp. DB Svcs.
File	623:Business Week	1985-2001/Oct W1 (c) 2001 The McGraw-Hill Companies Inc
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	275:Gale Group Computer DB(TM)	1983-2001/Oct 09 (c) 2001 The Gale Group
File	624:McGraw-Hill Publications	1985-2001/Oct 10 (c) 2001 McGraw-Hill Co. Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc.
File	636:Gale Group Newsletter DB(TM)	1987-2001/Oct 10 (c) 2001 The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2001/Oct 10 (c) 2001 The Gale Group
File	16:Gale Group PROMT(R)	1990-2001/Oct 10 (c) 2001 The Gale Group
File	610:Business Wire	1999-2001/Oct 11 (c) 2001 Business Wire.
File	148:Gale Group Trade & Industry DB	1976-2001/Oct 10 (c) 2001 The Gale Group
File	20:World Reporter	1997-2001/Oct 11 (c) 2001 The Dialog Corporation

18/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

01510218 01-61206

**Interactive bandwagon**

Harler, Curt; Stewart, Alan

Communications International v24n9 PP: 61-64 Sep 1997

ISSN: 0305-2109 JRNL CODE: COI

WORD COUNT: 2191

...TEXT: virtual call centres, a combination of traditional voice and IP data technology. This provides simultaneous **voice**, video and remote Web **browser control** for supporting **Internet** callers, as well as traditional **voice** network subscribers.

John Rolland, general **manager** of Telstra **Internet**, said the trial would demonstrate that basic services such as telephony can be reliably delivered  
...

18/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

01342735 99-92131

**Earth to Apple: Advertise!**

Pogue, David

Macworld v14n1 PP: 266, 264 Jan 1997

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 707

...TEXT: when Apple should have confidence and hard facts tattooed across its forehead.

Compaq's TV ads show its **computers** responding to **voice commands**; IBM shows off a PC with a built-in answering machine-features the Mac has had for years. What's...

18/3,K/3 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01776482

**Lucent Technology to Enter Phone Market**

(Lucent Technology Japan will enter the Japanese Internet phone market with sales of the BusinessWorks phone product)

Japan Industrial Journal, p 5

March 12, 1997

DOCUMENT TYPE: Business Newspaper (Japan)

LANGUAGE: Japanese RECORD TYPE: Abstract

**ABSTRACT:**

...the web. FY98 sales of the system should hit 100. The Solution product will allow **voice** mail, e-mail and fax **control** through **browser** software when the user is at the office or on a business trip. The price  
...

18/3,K/4 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01576352

**Automatic Speech Recognition**

(Dialogic offers Automatic Speech Recognition package from Voice Control Systems for its Antares DSP-based computer telephony PC card)

ABSTRACT:

Dialogic is offering the Automatic **Speech** Recognition package from **Voice Control Systems** for its Antares DSP-based **computer** telephony PC card. The new solution will enable developers to use advanced speech recognition technology to create **call** processing applications for use in **commercial** telephony systems. ...

18/3,K/5 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0837396 BW1005

**NBX 2: Groundbreaking Voice-Over-Ethernet LAN Technology, Network Based Telephony Will be Unveiled At Networld+Interop by NBX Corporation**

April 20, 1998

Byline: Business/Technology Editors

...lower total cost of ownership."

The NBX 100 includes a network call processor for **call control** , **voice** mail, auto attendant, **browser** administration, TAPI, LAN infrastructure, and connectivity to the PSTN and WAN/Internet, all at one...

18/3,K/6 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0828994 BW1108

**MICRONAS SEMICONDUCTORS: Broadcast PC Package Now Available for Windows 95 Systems; Micronas Intermetall's MediaCVR gets TV signals onto the PC**

March 31, 1998

Byline: Business Editors/Computer Writers

...output

interfaces: Video for Windows (video), Direct Sound (audio), Teletext, WaveTop and Intericast (data).

-- Visualization control software: TV viewer, Teletext **browser** , **audio control** applet, and tuner **control** applet.

Three Hardware Platforms Available

Three different hardware solutions are available for a variety of...

18/3,K/7 (Item 3 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0735869 BW1193

**TELSTRA NETSPEAK: New Gateway to Offer Virtual Second Line for Internet Users**

August 15, 1997

Byline: Business Editors/Computer Writers

...The platform allows a combination of traditional voice and IP data technology that provides simultaneous **voice**, video and remote web **browser control** for agents supporting **Internet** callers, as well as traditional voice network callers.

Using this virtual call centre technology, customer...

18/3,K/8 (Item 4 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0659484 BW1017

**TRIDENT MICROSYSTEMS: Trident Videographics Chip Chosen by NEC for New Home Entertainment PC Line; TV-Based Living Room PC Models Offer Recordable CD-ROM, Television Editing, Internet Access, Interactive Gaming, Stereo Audio and Karaoke Features**

January 08, 1997

Byline: Business Editors/Computer Writers

...its line of CanBe models geared specifically to Japanese home entertainment requirements. The new NEC **PC** also features enhanced stereo **audio** and single-button **control** of web **browser** and telephone applications. It also provides **voice** -activated telephone auto dialing and TV control.

"Our design objective included a leading-edge TV...

18/3,K/9 (Item 5 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0422535 BW1098

**PAC BELL INFO SVCS: Pacific Bell Information Services Offers Better Way for Advertisers to Reach Consumers: Don't Call Them -- Let Them Call You; Nationwide Interactive Service Allows Advertisers and Promotional Companies To Reach Wider Audience**

August 8, 1994

Byline: Business Editors/Telecommunications Writers

...provider of sports programming. "Almost every consumer has a telephone, but not everyone has a **computer** or access to interactive television."

**VoiceChoice** can manage up to 50,000 **calls** an hour and provide **advertisers** with reports on consumer response to commercials within five minutes of airing. It manages inbound...

18/3,K/10 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

02201978 SUPPLIER NUMBER: 20945788 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Voice/Data LAN.(the NBX 100 telephony system)(Product Announcement)**

Allen, Doug

Telecommunications, v32, n7, p72(1)

July, 1998

DOCUMENT TYPE: Product Announcement  
English RECORD TYPE: Fulltext

ISSN: 0278-4831

LANGUAGE:

WORD COUNT: 194 LINE COUNT: 00018

... providing a single network communications office architecture.

Consisting of a network call processor for call control , voice mail, auto attendant, **browser** administration, TAPI, LAN infrastructure, and connectivity to the PSTN and WAN/Internet, the unit allows...

18/3,K/11 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

02142809 SUPPLIER NUMBER: 20314336 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hands-free Web surfing. (Conversa's Conversa Web voice-recognition software for Web surfing) (Software Review) (Evaluation)**  
Grossman, Edward  
Windows Sources, v6, n3, p146(1)  
March, 1998  
DOCUMENT TYPE: Evaluation ISSN: 1065-9641 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 660 LINE COUNT: 00055

... your mouse and keyboard entirely.  
Converse Web enhances your Web-browsing experience by allowing natural-voice instructions to replace most **browser** commands and links.

COMPANY: Converse Corp., Redmond, WA  
PRICE: Direct download, \$29.95; online CD purchase...

...95; the product should be shipping by the time you read this.  
Similar to Kurzweil **VoiceCommands** , which lets you control Microsoft Word with **spoken** commands , Converse Web offers a voice -activated interface to the Internet Explorer 4 **browser** engine. (A Netscape version is in the works.) The impressive voice -recognition engine handles **browser** controls (such as Back and Forward) as well as links. After loading a page in the...

18/3,K/12 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

02095069 SUPPLIER NUMBER: 19708528 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Internet access: new gateway to offer virtual second line for Internet users. (voice-over-IP technology) (Company Business and Marketing)**  
EDGE, on & about AT&T, v12, p1(1)  
August 25, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 645 LINE COUNT: 00054

... The platform allows a combination of traditional voice and IP data technology that provides simultaneous voice , video and remote web **browser** control for agents supporting Internet callers, as well as traditional voice network callers.

Using this virtual call centre technology, customer...

18/3,K/13 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01906510 SUPPLIER NUMBER: 18031803 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Voice processing: new price/performance breakthrough for speech recognition. (Voice Control Systems Inc's VRSoft speech recognition product to be released by Dialogic Corp) (Company Business and Marketing)**  
EDGE, on & about AT&T, v11, n397, p8(1)  
Feb 26, 1996  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 510 LINE COUNT: 00054

VRSoft is the world's first speech recognition product for commercial

telephone call processing applications which does not require any additional hardware. This greatly reduces the cost for...

...attendant, and interactive voice response (IVR) systems. Dialogic is the world's largest supplier of computer telephony components with an estimated 65 percent market share.

Voice Control Systems' VRSoft adds cost effective, high quality speaker-independent speech recognition features to the "low...

18/3,K/14 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01902055 SUPPLIER NUMBER: 17945899 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Adding multimedia to your database: the best approach. (Technology

Information)

Votsch, Victor

Data Based Advisor, v14, n3, p48(7)

March, 1996

ISSN: 0740-5200 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3989 LINE COUNT: 00326

... Zone for rapid application prototyping, then purchase add-ins to add ODBC database access, Web browsers, or to control external devices like CD-Audio or analog video via a serial port. O-Zone lets you combine CD-ROM, network...

18/3,K/15 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01433647 SUPPLIER NUMBER: 10833932 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Ads-On-Call gives any newspaper an audio sideline. (audiotex add-in board for IBM PC compatibles from The Computer Group) (product announcement)

Blankenhorn, Dana

Newsbytes, pNEW06040018

June 4, 1991

DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 368 LINE COUNT: 00028

TRADE NAMES: Computer Group Ads -On-Call (Voice input -output device...

18/3,K/16 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1193158 NEM038

MultiLink Previews Audioconferencing Web Interface

DATE: December 1, 1997 14:40 EST WORD COUNT: 752

... Conference in Anaheim, California. The Web interface enables MultiLink System 70 customers to schedule and control audioconferences from any Internet Web browser. Also at TeleCon, System 70 is being shown with an integrated presentation system from Contigo...

18/3,K/17 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1175342 NYFNSB11

Affordable Voice Control Software: This Year's Holiday Gift for PC

**Users**

DATE: October 28, 1997 04:41 EST WORD COUNT: 393

**Affordable Voice Control Software: This Year's Holiday Gift for PC Users**

...in the closet won't help you much," Moore quipped.

VoiSys International's flagship product, **Voice Power**, provides **voice control** of your keyboard, mouse and **browser** (Netscape Navigator / Microsoft **Explorer** ). It can be purchased for about \$80 at most computer stores.

VoiSys International is a...

18/3,K/18 (Item 3 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1174671

NEM008

**OutReach Technologies Announces CONFERease Family of Multi-Point Conferencing Systems With Business Quality Audio**

DATE: October 27, 1997 08:59 EST WORD COUNT: 755

... The NT-based CONFERease 500 and 900 servers are T.120-compliant and combine an **audio** multi-point **control** unit (MCU), **browser** -based conference management software, and Microsoft(R) NetMeeting(TM) 2.0 data conferencing software. Both...

18/3,K/19 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

03760525 Supplier Number: 48137874 (USE FORMAT 7 FOR FULLTEXT)  
**ASYMETRIX: New Asymetrix ToolBook II Instructor 6.0 offers enhanced Internet support**

M2 Presswire, pN/A

Nov 24, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 845

... fully extensible for any Internet environment. Trainers can now extend online learning applications with ActiveX **controls** that, for example, play streaming video and **audio** , launch a web **browser** and **control** students' access, or display Adobe Acrobat PDF files.

Mark Noel of the Interactive Media Laboratory...

18/3,K/20 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

03182627 Supplier Number: 46518078 (USE FORMAT 7 FOR FULLTEXT)

**NEW PRODUCTS & SERVICES: Voice control Internet browser**

Screen Digest, pN/A

July 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 82

(USE FORMAT 7 FOR FULLTEXT)

**NEW PRODUCTS & SERVICES: Voice control Internet browser**  
TEXT:

Speech recognition system offering voice control of popular Internet browsing package Netscape Navigator. Designed for Windows NT, system has been developed by collaboration of US Dragon Systems...

18/3,K/21 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

05536422 Supplier Number: 48391875 (USE FORMAT 7 FOR FULLTEXT)  
**Upstarts give users control of voice services via browser**  
SCALES, IAN  
CommunicationsWeek International, p13  
April, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 733

**Upstarts give users control of voice services via browser**

18/3,K/22 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

04699268 Supplier Number: 46917263 (USE FORMAT 7 FOR FULLTEXT)  
**Microsoft's IIS shows promise**  
InfoWorld, pIW3  
Nov 25, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 584

... unicast packets, on the other hand, are point-to-point transmissions). NetShow can simultaneously stream **audio**, video, and scripting **commands** for **controlling** client **browsers**.

In addition to NetShow, Microsoft's Active Server Pages will be a boon to sites...

18/3,K/23 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

04665007 Supplier Number: 46865159 (USE FORMAT 7 FOR FULLTEXT)  
**Sales Clinic: Videoconferencing**  
Computer Retail Week, p21  
Nov 4, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 691

... support

- \* Point-to-point and group conferencing
  - \* Interoperability among Windows, Windows 95 and Macintosh
  - \* Easy **controls** for **audio**, video, connection and transmission
  - \* **Browser** support for direct launch from **Web** page
  - \* Use over POTS, Internet, ISDN, LAN and TCP/IP
- TARGET CUSTOMER:  
\* This is the solution...

18/3,K/24 (Item 4 from file: 16)



DIALOG(R)File 16:Gale Group OMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

01285843 Supplier Number: 41502044 (USE FORMAT 7 FOR FULLTEXT)

**Greyhound Back on Road With TV**

ADWEEK Southwest, v0, n0, p2

August 20, 1990

Language: English Record Type: Fulltext Abstract

Document Type: Magazine/Journal; Trade

Word Count: 448

**ABSTRACT:**

...ridership and 90% of its first-time riders are young adults, said Ann Smits, Bozell **management** supervisor on the account. Rock **music**, contemporary lyrics, fast-action shots and **computer**-generated animation are used to deliver the message that passengers can travel anywhere in the...

...number 68 - 68 candles on a birthday cake, 68 pets, a '68 Corvette. Then the **spot shows** the grill of a Greyhound bus and an animated road map of its routes, all...

...ridership and 90% of its first-time riders are young adults, said Ann Smits, Bozell **management** supervisor on the account.

Rock **music**, contemporary lyrics, fast-action shots and **computer**-generated animation are used to deliver the message that passengers can travel anywhere in the...

...number 68 - 68 candles on a birthday cake, 68 pets, a '68 Corvette. Then the **spot shows** the grill of a Greyhound bus and an animated road map of its routes, all...

18/3,K/25 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

09322252 SUPPLIER NUMBER: 19078769 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Evaluation of neurologic function in Gulf War veterans: a blinded case-control study.**

Haley, Robert W.; Hom, Jim; Roland, Peter S.; Bryan, Wilson W.; Van Ness, Paul C.; Bonte, Frederick J.; Devous, Michael D.; **Mathews, Dana**; Fleckenstein, James L.; Wians, Frank H., Jr.; Wolfe, Gil I.; Kurt, Thomas L JAMA, The Journal of the American Medical Association, v277, n3, p223(8) Jan 15, 1997

ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7164 LINE COUNT: 00597

...**Mathews, Dana**

...AUTHOR ABSTRACT: War (the nondeployed controls). Method.--With investigators blinded to group identities, participants underwent objective neurophysiological, **audiovestibular**, neuroradiological, neuropsychological, and blood tests. Main Outcome Measures.--Evidence of neurologic dysfunction. Results.--Compared with...

...of Neurologic Function

A neurologist performed a clinical neurologic examination of motor and reflex function. **Audiologists** performed the following tests to assess the functional integrity of the vestibulo-ocular reflex (9...

...evoked potentials (VEPs) from retinal stimulation by a black-and-white checkerboard pattern on a **television** screen. (15,17) For the SEP, separate wave forms were measured over the popliteal fossa...

...technetium Tc 99m-labeled hexamethylpropyleneamine oxime. (20,21) A panel of 3 experts in nuclear **radiology** who interpreted the SPECT scans as normal or abnormal were blinded to the subjects' case...scores of controls for syndrome 2 and of borderline significance for syndrome 3 (Table 2).

### **Audiovestibular Function**

The case veterans had substantially greater interocular asymmetry of gain in rotation-induced nystagmus...

...greatest in those with syndrome 2 ( $P=.03$ ).

Abnormal spontaneous nystagmus was demonstrated by the **audiologist** in various head positions in 4 cases (17%) but in none of the controls (P...bilateral prolongation of the LP-to-P37 interpeak latency on the SEP, suggesting slowed sensory **transmission** up the posterior columns of the spinal cord to the brain (15); asymmetry of the...

...depression, middle and terminal insomnia, fatigue (meaning daytime sleepiness but not muscle weakness), slurring of **speech**, confused thought process, and migrainelike headaches, had comparable abnormalities generally in parallel with the syndrome...the subjects' ages. Independent of these gross abnormalities, however, numerous objective measurements from neurophysiological and **audiovestibular** tests, which generally did not exceed normal limits (eg, 2 or 3 SDs of a...

...future screening of Gulf War veterans, we suggest that a combination of neuropsychological, neurophysiological, and **audiovestibular** tests, similar to those used in our study, could be agreed on that would accurately...MS, Teriann Scheets, MS, Clay Mainard, MS, Stacy Gordon, MS, and Melissa Waller, MS, the **audiovestibular** tests and BAEPs; Don Harvey, the SPECT scans; Kier Bison, PhD, and Angela Brett, the...

...Drs Haley and Kurt), Otolaryngology (Dr Roland), Neurology (Drs Bryan, Hom, Van Ness, and Wolfe), **Radiology** (Drs Bonte, Devous, Fleckenstein, and Mathews), and Pathology (Dr Wlans), University of Texas Southwestern Medical...MF, Bigio EH, White CL. Brain blood flow in the dementias: SPECT with histopathologic correlation. **Radiology**. 1993;186:361-365.

21. Saha GB, MacIntyre WJ, Go RT. **Radiopharmaceuticals** for brain imaging. *Semin Nucl Med*. 1994;24:324-349.

22. Snedecor GW, Cochran WG...

18/3,K/26 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2001 The Gale Group. All rts. reserv.

09146213 SUPPLIER NUMBER: 18918474 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Microsoft's IIS shows promise.** (Internet Information Server 3.0, Beta 2

**Internet/Web server software**) (Software Review) (Evaluation)

Talley, Brooks

InfoWorld, v18, n48, pIW3(1)

Nov 25, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 597 LINE COUNT: 00051

... unicast packets, on the other hand, are point-to-point transmissions). NetShow can simultaneously stream **audio**, video, and scripting **commands** for controlling client **browsers**.

In addition to NetShow, Microsoft's Active Server Pages will be a boon to sites...

18/3,K/27 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Plastics technology: manufacturing handbook & buyers' guide 1995/96.** (Buyers Guide)

Plastics Technology, v41, n8, pCOV(941)

August, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 174436 LINE COUNT: 15187

... the basic two-axis configuration, resin baths, bulk delivery systems, and NEMA-12 enclosures for **computer controls** .

ADM-NORTH AMERICA

Representing ADM of Germany, company supplies continuous casting machines for polymer concrete...design services.

GPT AXXICON BV

Design, engineering, and manufacture of precision, high-performance molds for **audio** /video, automotive, electronics, **computer** , aircraft, and related markets.

GR TECHNICAL SERVICES, INC.

Serves as single source for development and...controller for hot-sprue bushings or single-heater applications up to 15 amps features dual **display** , fused and grounded circuitry, CompuStep start-up, manual and closed-loop control, and power on...be transmitted to a PC for preparation of reports on process history. User-programmable keys **call** up repeated tasks. (See **ad** p. 1.)

BARCO AUTOMATION INC.

Two products for computer-integrated manufacturing: PCMS PC-based system...loop temperature controller with NEMA-3 splashproof faceplate accepts two independent inputs. Each channel has **display** and keypad controls.

Models 100, 200, 201 panel meter/alarm units, 1/16- and 1...

18/3,K/28 (Item 1 from file: 20)  
DIALOG(R)File 20:World Reporter  
(c) 2001 The Dialog Corporation. All rts. reserv.

01538229 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Midisoft Announces New Version of Internet Media Player With Support for Microsoft NetShow v3.0**

BUSINESS WIRE

May 04, 1998 9:50

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 891

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... beta releases from end-users, OEMs and developers. Midisoft Corporation is a premier developer of **music** and **audio control** software for the PC . Based in Issaquah, Washington, the Company develops award-winning consumer, business and OEM products that.

Set	Items	Description
S1	0	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHS, D? OR JOVAN J? OR JOVAN, J?)
S2	117852	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	106157	BROADCAST? OR RADIO? OR TELEVISION? OR TV OR TRANSMISS? OR TRANSMIT??
S4	240878	CONTROL? ? OR MANAGE? OR COMMAND? OR INPUT OR IN()PUT
S5	149867	COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR WORLD()W-IDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOMEPAGE? OR URL OR URLS OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE()LOCATOR? OR BROWSER? OR SOFTWARE?
S6	80253	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	312057	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SHOW? OR RETRIEV? OR FETCH?
S8	1	(VOICE? OR SOUND? OR AUDIO?) (3N) (CONTROL?) (3N) BROWSER?
S9	0	S1 AND S2 AND S3
S10	2467	S2 AND S3 AND S4 AND S5
S11	751	S6 AND S7 AND S10
S12	97	S6(5N)S7 AND S11
S13	500	S2(5N)S4(5N)S5
S14	13	S11 AND S13
S15	2425	S2(S)S4(S)S5
S16	273	S3(S)S15
S17	28	S16(S)S6
S18	42	S17 OR S14 OR S8
S19	41	RD (unique items)
S20	28	S19 NOT PY>1998
S21	25	S20 NOT PD>980824

File 278:Microcomputer Software Guide 2001/Sep  
(c) 2001 Reed Elsevier Inc.

File 634:San Jose Mercury Jun 1985-2001/Oct 10  
(c) 2001 San Jose Mercury News

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Sep  
(c)2001 Info.Sources Inc

*Product &  
Software  
Files*

21/3,K/1 (Item 1 from file: 634)  
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09048010

**VENTURE CAPITAL SURVEY THE MONEY TREE FOURTH QUARTER 1996**

San Jose Mercury News (SJ) - Monday, February 17, 1997

By: Compiled from a Mercury News/Price Waterhouse LLP survey of venture capitalists by editorial assistants Jack Davis and Glenda Queensbury and Price Waterhouse.

Edition: Morning Final Section: Business Monday Page: 4E

Word Count: 3,714

**CHART:**

**SOFTWARE**

Segment 1 (Recipient)Segment 2 (Location)Segment 3 (Amount in this round)Segment 4+ (Primary...

...Acta Technologies\*

Menlo Park

\$1,998,000

Greylock Ventures (hbox) US Venture Partners

Data warehousing **software**

**Agile Software**

San Jose

\$100,000

Sequoia Capital

Development of **software** to assist hardware manufacturers

Apsylog

San Ramon

\$770,000

Finovelec (hbox) Innovacom II (hbox) Partech International

Asset **management** and help-desk **software**

**Aqueduct Software**

Menlo Park

\$2,500,000

US Venture Partners

**Software** tools

Ashlar

Sunnyvale

\$300,000

Hambrecht & Quist Venture Capital

Personal **computer** -aided design **software**

Broadbase Information Systems

San Mateo

\$5,000,000

Benchmark Capital (hbox) Mohr Davidow Ventures

Data warehousing **software**

Cambio Systems

Santa Clara

\$250,000

Double Black Diamond (hbox) Greylock Ventures (hbox) Highland Capital...

... hbox) Partech International (hbox) Parvest (hbox) Tradevest Limited (hbox) US Growth Fund

Client-server network **management** **software** for local and wide-area networks

**Centerview Software**

South San Francisco

\$100,000

Fund (hbox) Indosuez Ventures (hbox) VMB Venture Capital & SI  
Internet -enabled direct marketing software

EnCompass\*  
Menlo Park  
\$2,000,000  
Benchmark Capital  
Internet -access software

Exodus Communications  
Santa Clara  
\$6,500,000  
Apex Investment Fund (hbox) Bay Partners (hbox) Cherubino...

...Technology Ventures LP (hbox) The Productivity Fund I & II  
Integrated one-stop provider of secure, Internet communications services

Fabrik Communications  
San Francisco  
\$9,125,000  
Accel Partners (hbox) Crosspoint Venture Partners...

...Global Center  
Sunnyvale  
\$1,960,000  
Hummer Winblad Venture Partners (hbox) Sequoia Capital  
Business Internet software  
Greet Street  
San Francisco  
\$1,345,000  
Altos Ventures (hbox) Bayview Investors  
Thematic communication for the...

...HotMail  
Sunnyvale  
\$1,500,000  
Draper Fisher Associates Fund LP (hbox) Menlo Ventures  
Messaging software for the Internet,

21/3,K/2 (Item 2 from file: 634)  
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08823039

### THIRD QUARTER 1996

San Jose Mercury News (SJ) - Monday, November 18, 1996  
By: Compiled from a Mercury News/Price Waterhouse LLP survey of venture  
capitalists by editorial assistants Jack Davis and Glenda Queensbury.  
Edition: Morning Final Section: Business Monday Page: 5E  
Word Count: 3,034

...12,000,000  
Cisco Systems (hbox) Sequoia Capital  
Wide-area networking traffic concentrator for multimedia voice and data

Assured Access Technology  
Fremont  
\$6,000,000  
Mayfield Fund (hbox) Sequoia Capital  
Internet access equipment

Berkeley Networks\*  
San Jose  
\$5,750,000  
Advanced Technology Ventures (hbox) Information Technology...

...Brentwood Venture Capital (hbox) Menlo Ventures

...Capital  
Partners  
San Francisco  
\$15,000,000  
NationsBank Leveraged Capital Group  
Owner-operator of cable **television** operations

1-800-Batteries\*  
San Jose  
\$1,600,000  
Draper Fisher Associates (hbox) Vrolyk & Co...

...party supply stores

Places to Stay\*  
San Mateo  
\$1,000,000  
Robertson Stephens Venture Capital  
**Website** for hotel reservations

Research Holdings  
San Francisco  
\$1,000,000  
Hambrecht & Quist Venture Capital (hbox) Trident Capital  
Financial information provider which communicates with investors through  
both printed publications & the **Internet**

Salon **Internet** \*  
San Francisco  
\$300,000  
Adobe Venture (hbox) Apple Venture Capital (hbox) Hambrecht & Quist  
Venture Capital  
On-line magazine

SoftKat\*  
Mountain View  
\$1,000,000  
Walnut Capital  
Discount **computer software** distributor

Surface Genesis\*  
Sunnyvale  
\$475,000  
Chemicals & Materials Enterprise Assoc.  
Customized coating and plating technology...

...675,000  
Charter Ventures (hbox) Venrock Associates  
Global directory of people and businesses on the **Internet**

21/3,K/3 (Item 3 from file: 634)  
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08732034

**VENTURE CAPITAL SURVEY SECOND QUARTER 1996**

San Jose Mercury News (SJ) - Monday, August 19, 1996

By: Much of the data was compiled from a Mercury News survey of venture  
capitalists by editorial assistants Jack Davis and Glenda Queensbury.

Edition: Morning Final Section: Business Monday Page: 4E

Word Count: 4,066

N  
CHART:

-----



Management Co. -- Technology Funding  
Non-viral gene therapy

Norian  
Cupertino  
\$19,800,000  
BEA Associates -- Frazier...

...Nassau Capital -- Oak Investment Partners -- Sequoia Capital --  
Sutter Hill Ventures  
Automated point-of-use inventory management systems for health  
care  
institutions

Perclose  
Menlo Park  
\$3,000,000  
Brentwood Associates -- Morgenthaler Ventures -- Sequoia Capital

--  
Three Arch  
Specialty catheters for wound closures

Pharmacyclics  
Sunnyvale  
\$5,598,769  
Asset Management -- Kleiner Perkins Caufield & Byers -- Mayfield  
Fund  
-- Venrock Associates  
MRI contrast imaging agent derived from a...

...Specialty Services  
San Mateo  
\$500,000  
Stuart Struever, John Warnock -- Technology Funding Venture  
Partners  
Comprehensive management services for medical specialities

Advantage Office Systems\*  
Mountain View  
\$1,200,000  
J.F. Shea...

...Ventures  
Bagel cafes

Wire Networks\*  
San Mateo  
\$2,700,000  
AVI Captial -- El Dorado Ventures  
Internet services for women

...

21/3,K/5 (Item 5 from file: 634)  
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08240006

#### SECOND QUARTER 1995

San Jose Mercury News (SJ) - Monday, August 28, 1995

By: Much of the data was compiled from a Mercury News survey of venture  
capitalists by editorial assistants Jack Davis and Glenda Queensbury.



\$1,000,000  
AVI **Management** Partners (hbox) Mayfield Fund  
Digital video post-production equipment

Marmot Mountain  
Santa Rosa  
\$2,675...

...San Francisco  
\$8,600,000  
Ameritech Development (hbox) Kleiner, Perkins, Caufield & Byers (hbox)  
Mayfield Fund  
**Music** information service

Pacific Microsonics  
Berkeley  
\$1,500,000  
Bessemer Venture Partner  
Technology to encode information on compact discs to restore and enhance  
**audio** quality

Photon Dynamics  
Milpitas  
\$1,000,000  
Aeneas Venture (hbox) Kleiner, Perkins, Caufield & Byers (hbox...

21/3,K/6 (Item 6 from file: 634)  
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08196001

**WHAT'S NEXT: MICROSOFT UNLEASHES EXPENSIVE MARKETING BLITZ FOR WINDOWS 95.**  
San Jose Mercury News (SJ) - Saturday, July 15, 1995  
By: LEE GOMES, Mercury News Staff Writer  
Edition: Morning Final Section: Business Page: 1D  
Word Count: 703

...featured spot on QVC.

After Aug. 24, Microsoft will use every modern medium at its **command** ,  
from stump **speeches** to giltzy TV **commercials** . The company refuses to  
disclose what it will be spending, though estimates run into the hundreds  
of millions of dollars. Copies of Windows 95, which will serve as the  
personal **computer** 's operating system, are expected to sell for around \$90  
each. Microsoft also hopes to...

21/3,K/7 (Item 7 from file: 634)  
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07669006

**A STAR IS BORN? AT&T MULTIMEDIA EXEC HEADS FOR HOLLYWOOD**  
San Jose Mercury News (SJ) - Friday, June 17, 1994  
By: Mercury News Wire Services  
Edition: Morning Final Section: Business Page: 1F  
Word Count: 719

The announcement further stokes industry speculation that Ovitz is  
interested in taking **control** of a company like Time Warner Inc., which is  
heavily involved in multimedia and the interaction of **sound** , video and  
data **transmission** . Ovitz has scoffed at such notions, but he has been  
talking to AT&T Corp. and Microsoft Corp. **software** mogul Bill Gates about  
strategic alliances between entertainment and technology companies and  
possible development of interactive TV **commercials** and programs.

"The technology driving the changes in our industry is evolving very,

very quickly...

21/3,K/8 (Item 8 from file: 634)  
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07155019

**IN BRIEF**

San Jose Mercury News (SJ) - Thursday, June 3, 1993  
By: Mercury News Staff and Wire Reports  
Edition: Morning Final Section: Business Page: 3F  
Word Count: 267

**TEXT:**

... of their system to deliver movies, video games and shopping services on demand over cable-**television** networks. (box) The Defense Department soon will begin removing some of the most technical specifications from its contracts, making it easier for the military to buy "off-the-shelf" **commercial** technology. (box) Emcon Associates of San Mateo has been selected for a \$1.25 million contract for architect/engineer services on environmental projects for the U.S. Naval Facilities Engineering **Command** in San Diego. (box) Robert A. Archer has been elected chairman of SJNB Financial Corp...

... box) Motorola Inc. has expanded its support of Hewlett-Packard Co.'s line of palmtop **computers** by further developing wireless communication **software** for the recently introduced HP 100LX palmtop **computer**. (box) Adaptec Inc., a Milpitas supplier of microcomputer **input** -output products, plans to get out of the laser printer controller industry after a three...

... Octocom Systems Inc. of Chelmsford, Mass. (box) VMX of San Jose, a developer of integrated **voice** -processing systems and **software**, has obtained a consent decree to settle its patent-infringement suit against Microlog Corp. of...

21/3,K/9 (Item 9 from file: 634)  
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06835115

**SPOTLIGHT ON SMALL COMPANIES SUCCESS STORIES COME IN ALL SIZES**

San Jose Mercury News (SJ) - Monday, November 30, 1992  
By: STEVE KAUFMAN, Mercury News Economics Writer  
Edition: Morning Final Section: Business Monday Page: 5D  
Word Count: 2,045

**MEMO:**

... give biotechnology community money, clout and knowledge' & 'Move over, Microsoft: Time is ripe for a **software** surge,'

Additional information attached to the end of this article.

**TEXT:**

...a growing number of smaller and highly promising technology companies of various stripes. Some are **software** companies, some are hardware companies, some are biotechnology companies.

Most share many of the attributes of successful Silicon Valley firms. They are **commercializing** break-through technology, or at least packaging existing technology in a way that enables customers...

... long, the company found that its technology -- similar to a submarine's sonar system -- could **command** richer premiums by using ultrasonic waves to safely **display** images of growing fetuses and internal body organs on **television** screens for doctors to study.

21/3,K/10 (Item 10 from file: 634)  
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06645013

**SCULLEY STEERING APPLE INTO 21ST CENTURY PROFILE: FORMER SOFT-DRINK  
EXECUTIVE HAS TRANSFORMED HIMSELF INTO A HIGH-TECH VISIONARY.**

San Jose Mercury News (SJ) - Sunday, May 24, 1992

By: RORY O'CONNOR, MERCURY NEWS STAFF WRITER

Edition: Morning Final Section: Front Page: 1A

Word Count: 3,377

**TEXT:**

In 1983, in a story now firmly embedded in the folklore of Silicon Valley, Apple **Computer** 's intense young boss, Steve Jobs, persuaded an unassuming, middle-aged soft drink executive from New York City to become chief executive of the young **computer** company by issuing a challenge: "Do you want to spend the rest of your life...

...that challenge. After building a \$6.6 billion company on the strength of Jobs' Macintosh **computer**, Sculley now hopes to make Apple truly his own by introducing a dramatically new kind of computing device, one that could transform the company, reinvigorate the **computer** industry and -- perhaps -- **launch** the 1990s equivalent of the personal **computer** revolution. On Friday, Sculley will unveil at the Consumer Electronics **Show** in Chicago a diminutive box code-named Newton. It will be the first example of ...

... company's most advanced research projects. Analysts say Sculley has demonstrated an unexpected comprehension of **computer** technology and understands what consumers will want to do with it. That, they say, may...

... key to Apple's survival: As growth slows and profit margins contract in the personal **computer** business, Sculley's vision of the future could make Apple the leader in a new, and potentially far more lucrative market -- what Sculley himself **calls** "the mother of all industries."

All the right moves

Sculley as visionary architect

"When he...

... direction for the next decade, but with being one of the chief architects of the **computer** industry's future. "Sculley," said Dataquest analyst Doug Kass, "is the leading visionary in the **computer** industry today."

It is a risky vision.

Apple plans to finish the decade as a...

... much of its future on an untested hope for Newton and similar devices, which Sculley **calls** personal digital assistants. The potential, most industry experts agree, is huge. Their development, Sculley said...

...personal electronics) industry is going to be bigger than anything we've seen in personal **computers** ."

It seems likely the transition would have taken place if there had never been an Apple **Computer**, or if Sculley had never met Jobs. The seeds of this change were planted 20...

... President" -- to futurist. Along the way, in 1987, he outlined a 21st century portable personal **computer** called the Knowledge Navigator that provided its owner with a wealth of information access and communications

works closely with the Maine Photographic Workshop in Rockport, introducing **computers** and multimedia technology to professional photographers. "Maine is the creative side of me," he said...

...from the Wharton School of the University of Pennsylvania, 1963.

(box)Employment: Joined New York **advertising** agency McCann-Erickson in 1963. Hired by Pepsi-Cola as its first MBA in 1967...

... the ranks to become marketing vice president and, in 1977, its president. After meeting Apple **Computer** co-founder Steven P. Jobs in December 1982, joined Apple as chief executive in April...

CAPTION:

Photos (6)

PHOTO: John Sculley, 53, got his start at a New York **ad** agency.

PHOTO: Former San Francisco Mayor Art Agnos, left, and Sculley, right, present Mikhail Gorbachev with an Apple **Computer** in June 1990.

PHOTO: ASSOCIATED PRESS

MERCURY NEWS FILE PHOTOGRAPH

Apple co-founder Steve Jobs...

...PHOTOGRAPH

With his image projected on a giant screen behind him, Sculley talks about Apple **Computer**'s goals for the year at the AppleWorld Conference in San Francisco in January 1986.

PHOTO: ASSOCIATED PRESS FILE PHOTOGRAPH

IBM president Jack Kuehler and Sculley **show** technology-sharing agreement in October 1991.

PHOTO: EUGENE LOUIE -- MERCURY NEWS

Sculley's modest Cupertino...

DESCRIPTORS: PROFILE; INTERVIEW; BIOGRAPHY; CUPERTINO; **COMPUTER** ; COMPANY ; OFFICIAL

21/3,K/11 (Item 11 from file: 634)

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06287031

**BRAVE NEW TOYS IS ART HEAD WIZARDS MAP THE FUTURE OF FUN**

San Jose Mercury News (SJ) - Sunday, October 13, 1991

By: MIKE LANGBERG, Mercury News Staff Writer

Edition: Morning Final Section: Business Page: 1E

Word Count: 1,724

TEXT:

... with a "magic box," a home entertainment system as different from today's smart remote **controls** as a supercomputer is from a pocket calculator.

After wiring the \$500 gadget to your **television**, stereo speakers, cable **TV** and telephone, you are connected to a host of services that make you the master of your own information age.

The box will select your **TV** viewing, scanning 1,000 channels delivered by fiber optics for the type of programs you like; put you into "virtual reality" video games; offer movies on demand with CD-quality **sound** ;

**software** are likely to on evolve beyond this year's dot products -- making it unlikely the...

...and is expected to enter the market by early 1993.

#### VIRTUAL REALITY

Robert Greenberg, a **manager** in Texas Instruments Inc.'s consumer products division, surprised the audience at InterTainment '91 by...

...only \$299.

Although unwilling to discuss any details, Greenberg said the system would use "revolutionary" **display** technology to project a high-quality graphic image in a lightweight helmet. The system would...

...firm in New York.

Virtual reality is loosely defined as putting game players into a **computer** -generated environment, rather than merely reacting to images on a **display** screen. Full "immersion" virtual reality can include a helmet that senses head movement and changes the view seen through small **TV** screens mounted in front of each eye, along with gloves that allow adventurers to touch...

... At the Battletech game center in Chicago, visitors already can enter a world created by **computers** .

Eight players climb into vehicle simulators and play against each other on a futuristic **computer** -controlled battlefield. About 150,000 customers have experienced Battletech, at \$7 for a 10-minute...

... name, with re-programmable simulators that can be used for a variety of games.

#### SMART TV

On the average, U.S. households turn on the **TV** for about seven hours a day. But it's a one-way street: The **TV** talks, we listen.

That could change in 1992. Several companies at InterTainment '91 described equipment that will allow viewers to get involved with the action on **TV** .

Interactive Systems Inc. of Beaverton, Ore., is **launching** its VEIL system that reads specially encoded signals included in a **TV broadcast** . The VEIL terminal, which costs about \$100 with a \$10 monthly fee, connects to the **TV** and telephone, allowing viewers to participate in game **shows** , enter contests and order merchandise. The VEIL terminal also has a small printer that can produce coupons at the touch of a remote-control button whenever the viewer sees an **ad** for an appealing product.

**TV Answer** Inc. of Reston, Va., is pursuing a similar but more ambitious proposal that wouldn't tie up the family phone. **TV Answer's** box, expected to cost \$200 to \$300, would communicate through a **radio** network similar to a cellular telephone system.

The Federal Communications Commission is now considering whether to award a small slice of the **radio** spectrum to **TV Answer**. If the approval process stays on schedule, the company expects to sign up its...

DESCRIPTORS: ELECTRONICS; EQUIPMENT; TECHNOLOGY; **COMPUTER** ; COMPANY;  
VIDEO; **TELEVISION** ; **MUSIC** ; GAME; ENTERTAINMENT; CONSUMER

21/3,K/12 (Item 12 from file: 634)  
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05683199

# IBM HOPES PS/1 DEMYSTIFIES COMPUTING THE WAIT IS ALMOST OVER FOR PS/1 LOCAL USERS CAN'T BUY IT UNTIL FALL

SAN JOSE MERCURY NEWS (SJ) - Sunday, July 1, 1990

By: RORY J. O'CONNOR, Mercury News Computing Editor

Edition: Morning Final Section: Computing Page: 1F

Word Count: 1,436

## TEXT:

... a decade to recover from the stinging failure of the PCjr and produce its second **computer** aimed at the home market.

Last week, the company finally **showed** off the new machine, called the PS/1, and declared that it had come up with a **computer** that would appeal to about 20 million households and small businesses that International Business Machines...

...effort to design a machine that will appeal to people who don't have a **computer** in their home.

The **computer** that resulted, the PS/1, may have many of the features home **computer** buyers want. And IBM has priced it aggressively, from its standards. The base model, with...

...with a color screen and 30-megabyte hard disk drive, lists for \$1,999.

The **computer** 's 80286 processor, running at 10 MHz, is the same one IBM first introduced on its Personal **Computer** AT model six years ago. At the time, it was one of the most advanced...

... formats are optional. A 30-megabyte hard disk drive is included in two of the **computer** 's four basic configurations.

Unlike most other **computers** , which draw their power from the system's main unit, the PS/1 is powered by circuitry in its **display** unit. IBM offers two models -- one color, one black and white -- that measure 12 inches diagonally. The monitor also contains the **computer** 's speaker, a headphone jack and several **control** switches to adjust **audio** volume, **display** features and system power.

While it may provide some simplification of design, putting the power supply in the **display** restricts buyers to using IBM's **displays** , instead of buying one from another company. It also means users can't hook up...

...novice users is the PS/1's built-in modem, a device that lets the **computer** exchange data with other **computers** over telephone lines. IBM's modem **transmits** information at 2,400 bits per second, about as fast as inexpensive modems currently operating. Included with the modem are two **software** packages that will connect the **computer** to a pair of on-line information services.

Setting up on-line communications is one...

... biggest frustrations for many users, who are confused by the array of technical instructions and **control** settings necessary to link up with other **computers** . The two services are already installed so users need only connect it to a phone...

... educational material and courses, an on-line encyclopedia, multiplayer games and a 7,000-title **software** library when it becomes available in the fall. It was developed for IBM by Quantum **Computer** Services of Vienna, Va. Quantum already offers a number of on-line services to owners of other kinds of **computers** . Unlike those other services, however, Promenade is a closed service accessible only to PS/1...

... users won't be able to exchange messages with owners of other IBM or compatible **computers** .

30 megabyte hard disk drive	599
Color display	699
Audio card	129
Joystick	39
Adapter card unit	169

Source: IBM  
Mercury News

CAPTION:  
Photo, chart

IBM

The PS/1 is IBM's second **computer** aimed at the home market.

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04094489

SEE THE FUTURE? HE'S TOUCHED IT HELMET, GLOVE CATAPULT WEARER INTO  
COMPUTER-SIMULATED REALITY

SAN JOSE MERCURY NEWS (SJ) - Monday, November 30, 1987  
By: STEPHEN ROBITAILLE, Mercury News Staff Writer  
Edition: Morning Final Section: Front Page: 1A  
Word Count: 1077

SEE THE FUTURE? HE'S TOUCHED IT HELMET, GLOVE CATAPULT WEARER INTO  
COMPUTER-SIMULATED REALITY

TEXT:

...my left, turned my finger upward and flew out the top of the station's  
**control** tower. After a few seconds I halted the climb, looked over my  
shoulder and saw...

... Research Center in Mountain View, and I was fooling around with the  
future -- a prototype **computer** -age tool that promises to blur the  
distinction between what is real and what is...

... helmet-mounted apparatus -- a sort of electronic View-Master -- that  
envelops the wearer in a **computer** -generated reality.

The prototype, called a virtual environment **display** system, **displays**  
**computerized** graphics and is controlled by **voice commands** and hand  
gestures from the user's wired gloves -- gestures mimicked by a hand  
**display** on the screen.

The goal eventually is to present the wearer with a synthetic  
environment...

... duplicates the real world in nearly every detail -- touch, full-color  
vision and wraparound stereo **sound** -- an environment capable of producing  
everything from an 'electronic cadaver' for medical students to home...

...customers can 'walk through' before they buy.

'It's kind of like being inside a (**computer**) screen -- it's a  
combined tactile and **speech** -activated system, with the system talking  
back to the user,' said project **manager** Scott Fisher.

The 3-year-old project was set up to produce helmet prototypes for use  
by astronauts aboard NASA's planned orbiting space station.

The helmet, one of several **control** devices being considered by the space agency, would enable astronauts to monitor robotic work stations...

...and provide a safe alternative to ventures outside the space station.

For space station work, **computer** programs contained in the helmet would allow astronauts to "see" the work stations via the "telepresence" of the helmet and, if need be, take over manual **control** of the otherwise automated work station, Fisher explained. Astronauts could work the hand-like **controls** of the work station by moving their own glove-clad hands.

The helmet also has...

...everyday life gained from technology developed for the space program.

"NASA is really playing the **commercialized** aspects up loudly at this point," said John Evans, president of Transitions Research Corp., an...

... got things going -- there's now some real money going to be spent on this."

**Software** engineer Douglas Kerr demonstrated a work-station program in which the gloved hand could "grab..."

... said. "You move through the menus with hand gestures, and I want to have the **voice** recognition click on with specific words."

Writing the program took three months, Kerr said. "The..."

... program that would allow medical students to practice surgical procedures.

Aeronautical engineers could examine a **computerized** mock-up of a prototype jet -- even "clambering" around the hull via the telepresence hand...

... Harvard and the Massachusetts Institute of Technology. The first prototypes had screens that used miniature **television** tubes. The wearer had to be hooked up to a system of wires for head...

...shelf technology."

The video-viewing screen for the NASA helmet is made of liquid crystal **displays** taken from pocket **television** sets, Fisher said. Each eye of the wearer gets a slightly different angle of vision...

... vision in the helmet currently is 120 degrees, compared to humans' 180-degree field.

The **voice** -recognition device is a mass-produced product, as is the tracking device used to keep...

... along, Fisher and Kerr said. The graphics are still primitive, the integration of the wraparound **sound** program is tedious, and images on the video screen lag behind gloved hand movements.

After...

DESCRIPTORS: **COMPUTER** ; SPACE; AVIATION

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04084460

**CADILLAC CALLS THE ALLANTE 'AMERICA'S FIRST AND ONLY ULTRALUXURY CAR**  
**CADILLAC'S \$54,700 QUESTION: CAN ALLANTE TAKE ON MERCEDES?**



SAN JOSE MERCURY NEWS (SJ) Sunday, October 25, 1987  
By: Scott Heimer, Knight-Ridder News Service  
Edition: Morning Final Section: General News Page: 8C  
Word Count: 997

**CADILLAC CALLS THE ALLANTE 'AMERICA'S FIRST AND ONLY ULTRALUXURY CAR  
CADILLAC'S \$54,700 QUESTION: CAN...**

TEXT:

...on the Riviera. But you wouldn't be too far off.

The beach is a **showroom** of sorts, and Allante's body -- as in Cadillac -- is flown from the artsy studios...

...class on Boeing 747s, to Detroit, where she gets her All-American Yankee innards before **showing** her all in the dealer **showrooms**.

... flying it across the ocean seems to be the ultimate in snobbery. But then Cadillac **calls** the Allante 'America's first and only ultraluxury automobile.'

It's an interesting choice of...

... some ways doesn't feel like a blueblood Cadillac. The ride is -- well, some would **call** it firm, some less polite would **call** it outright stiff.

I don't find that objectionable, since it was a result of...

... their goal to top the 560SL in lateral acceleration. G-power, guys. Cornering. Or, in **advertising** speak, handling. This was especially tough because the Mercedes is a rear-wheel-drive and...

... the seats are slightly more supportive in the Allante, if you use their multiadjustment power **controls** to their near-infinite possibilities.

And like the SL, the V8 is handled by a four-speed lockup automatic **transmission** with console-mounted gear selector. They're both excellent units, but four speeds don't...

...the driver's side is a center-mounted 'driver information center' that houses the climate-**control** and **sound** system buttons (among the best in the business) and the **computer** -message center. You can **call** up the usual trip information - fuel economy, average speed, fuel used, range, that sort of...

...the lights on automatically.

Another overrider, and this one really annoying, is the turn signal **control**. Used to be, a green dash light-flasher was enough. With the Allante, you get...

... going to buy the Allante. Like all Cadillacs, it's an indulgence. There's no **sound** economic basis for buying one - indeed, Autoweek recently noted that its projected value after five...

21/3,K/15 (Item 15 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
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03045260

**THE NAVIGATOR A COMPUTER GIVES DRIVERS A NEW SENSE OF DIRECTION**

SAN JOSE MERCURY NEWS (SJ) - Monday, November 4, 1985

By: BRODERICK PERKINS

Mercury News Staff Writer

Edition: Morning Final Section: Living Page: 9B

Word Count: 1502

**THE NAVIGATOR A COMPUTER GIVES DRIVERS A NEW SENSE OF DIRECTION**

... the headlights or in the rear window, and more information via the tape drive. The **computer** automatically adjusts for errors and is accurate to within 50 feet.

The tape drive can...measuring progress by the movement of the islands around them.

According to Larry Schwartz, programming **manager** of automotive electronics at General Motors' Delco Electronics division in Kokomo, Ind., Etak's success...

...develops navigation systems for missiles, spacecraft and ships, but that technology involves radar, easily interrupted **radio** signals and satellite systems that aren't compatible with wheeled vehicles.

'The two types are...

...a whim and never really expected it to save him cash.

'I was getting my **radio** fixed and the salesman had a Navigator. So I had one put in a truck...

CAPTION:  
PHOTOS (2)

Eugene Louie -- Mercury News

James Bond would covet the **computerized** guidance of Navigator, demonstrated by Etak's Donald Warkentin

**Display** tracks car's progression; 4 1/2-inch model costs \$1,395

21/3,K/16 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00107120 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Marketing (835552); Advertising Agencies (831336)

TITLE: Building brands on Web  
AUTHOR: Machlis, Sharon  
SOURCE: Computerworld, v32 n15 p41(2) Apr 13, 1998  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010331

Tom Lix, head of an eight-person company that creates **World Wide Web sites** for National Public **Radio**'s most popular programs, says the company is not getting rich, but **manages** to pay its bills. With sites for the popular 'Car Talk,' 'Whad'Ya Know,' and...  
...the sites; editorial direction comes from the shows. The company's revenues come from Web **ads** and some additional revenue from such items as T-shirts, mugs, and other items. Lix...

...value-added content. For instance, 'Car Talk's' site includes information about the show, and **audio** clips from older shows, in addition to entertainment, such as trivia contests and a virtual...

...an animated postcard that can be sent to someone who goofed. Also

provided are classified **ad** and a database of user-recommended mechanics that the **radio** show cannot cover because of limited time.

21/3,K/17 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00105251 DOCUMENT TYPE: Review

PRODUCT NAMES: VoiceType Simply Speaking Gold (673285); Kurzweil VoicePad (641553); Dragon NaturallySpeaking Personal (767189); pwWebSpeak (680451); DECTalk (301272)

TITLE: Speech Enables the Common Desktop PC  
AUTHOR: Lazzaro, Joseph J  
SOURCE: Byte, v22 n12 p55(2) Dec 1997  
ISSN: 0360-5280  
HOMEPAGE: <http://www.byte.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20001018

...to-speech engine. It includes VoiceType Connection for Netscape. VoiceType Connection can be used to **control** Navigator 4.0 **browsers** by using the **voice**.

21/3,K/18 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00104414 DOCUMENT TYPE: Review

PRODUCT NAMES: RealServer 4.01 (683817)

TITLE: Streaming Multimedia Gets Real  
AUTHOR: Santalessa, Rich  
SOURCE: InternetWeek, v683 p68(2) Sep 29, 1997  
ISSN: 0746-8121  
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010730

A deal between Progressive Networks and Microsoft to supply streaming technology in **Internet** Explorer (IE) 4.0 and Netshow 2.0 means that Progressive's (now Real Networks...

...pay for phone support, printed documents, more streaming connections, or training. RealServer is a powerful, **commercial** -quality, scalable application for streaming video or **audio** applications. It meets all requirements of intranets and extranet streaming-media applications. RealServer 4.01...

...binding to transport from multiple IP addresses. It also provides live file archiving to save **transmission** copies during a real-time **audio** or video **broadcast**, to allow later use. It also provides multithreading for a general improvement in server efficiency over earlier versions. The available **transmission** schemes in RealServer have been extended to include UDP, Hypertext Transfer Protocol (HTTP), TCP, or...

...Communications. The Real Video encoder and RealPlayer client run only on Windows 95, TN, and Macs. Control Center administration and System Manager applications are the foundation of the product.

21/3,K/19 (Item 4 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00093810 DOCUMENT TYPE: Review

PRODUCT NAMES: Netscape SuiteSpot Server (608891); CU-SeeMe (571482)

TITLE: Intranet: The Private Web  
AUTHOR: Lundell, Allan  
SOURCE: Digital Video Magazine, v4 n7 p26(3) Jul 1996  
ISSN: 1075-251X  
HOMEPAGE: <http://www.dv.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010331

...videoconferencing and other demanding technologies. Netscape Communications' Netscape SuiteSpot Server offers a collection of server **software**, with modules that provide for the delivery and **management** of HTML, e-mail, and news, in addition to directory services and site **control**. SuiteSpot can run on UNIX or Windows NT servers and offers native support for multiple...

...have to be expensive when deployed over an existing high-speed network. White Pine's **commercial** version of CU-SeeMe, originally developed at Cornell University, can support as many as eight video participants and an unlimited number of **audio** participants simultaneously. It features Caller ID, a chat window, and a group whiteboard. Companies can even send their own private **TV broadcasts** over the **Internet**, with **software** such as Net Toob Live 3.0. This low-cost Webcasting **software** uses MPEG-1 encoding and does not require any special server **software** or hardware.

21/3,K/20 (Item 5 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00092771 DOCUMENT TYPE: Review

PRODUCT NAMES: Enhanced CU-SeeMe (605115)

TITLE: Enhanced CU-SeeMe  
AUTHOR: Mummert, Shawn  
SOURCE: PC Today, v10 n6 p10(1) Jun 1996  
ISSN: 1040-6484  
HOMEPAGE: <http://www.pctoday.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010331

White Pine Software's Enhanced CUSeeMe, the **commercial** release of Cornell University's freeware, **Internet**-based videoconferencing **software**, is very customizable and provides impressive video and **sound** output. New **audio** and video **controls** allow users to adjust settings and compression schemes for all data transmitted. Color **transmission** is supported, and the WhitePineBoard allows shared and annotated documents; a

chat feature can replace **stereo** audio connections. The **commercial** version is, however, still compatible with the freeware product. The best output is achieved if...

...of the connecting infrastructure. Multi-user videoconferences are supported with reflectors that accept video and audio from conference members and reflect it back to each member; direct connections to TCP/IP...

21/3,K/21 (Item 6 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00084434 DOCUMENT TYPE: Review

PRODUCT NAMES: Media 100 (365602); Media Suite Pro (421103); Media Composer (525201); VideoVision Studio (583952); VideoVision Telecast (569267)

TITLE: Video Professionals Flock to Digital Editing  
AUTHOR: Elia, Eric  
SOURCE: NewMedia, v5 n8 p32(2) Aug 1995  
ISSN: 1060-7188  
HOMEPAGE: <http://www.newmedia.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

Digital video editing products used by **broadcasting**, media, and entertainment professionals generally run on the Macintosh; they include Media 100, Media Suite...

...VideoVision Studio, and VideoVision Telecast. Composer is the most popular product in U.S.-based **commercial** cinema production, while the ImMIX VideoCube is often used in **TV** newsrooms. Use of digital video is particularly strong with makers of **music** videos and **TV commercials**. Professionals like digital video editing for its enhanced creative **control**, intuitive special effects functions, and shortened editing sessions. The president of a multimedia services lab uses **PC**-based EMC Primetime for offline editing. He says updates are much easier because editors can...

21/3,K/22 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00073401 DOCUMENT TYPE: Review

PRODUCT NAMES: BitWare (545899); CommuniGate Macintosh (545902)

TITLE: Vendors ready multifunction comm software  
AUTHOR: Schroeder, Erica  
SOURCE: PC Week, v12 n1 p33(2) Jan 9, 1995  
ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010321

...general purpose communications products for different audiences are highlighted. BitWare by Cheyenne Communications features fax, **voice**, data, and paging **software**, and CommuniGate, a client/server application for the Macintosh, supports fax, **voice** mail, paging, e-mail, and file transfer. BitWare 4.0 has local and **commercial** mailboxes, with **voice**

mail and **broadcasting** ; it also integrates with the ACT personal information **manager** (PIM), **paging** services, fax-on-demand and **voice** -on-demand services. Users like the combined services because they lower the cost of communication...

...lines. CommuniGate provides server programs and the Communicator client application offers fax functions; users add **voice** , e-mail, and paging functions separately.

21/3,K/23 (Item 8 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00069333 DOCUMENT TYPE: Review

PRODUCT NAMES: Company - Spyglass Inc (858307)

TITLE: **Spyglass Captures Mosaic Licensing**  
AUTHOR: Messmer, Ellen  
SOURCE: Network World, v11 n35 p4(1) Aug 29, 1994  
ISSN: 0887-7661  
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review  
REVIEW TYPE: Company

REVISION DATE: 20010331

Spyglass now owns the licensing rights for the Mosaic graphical **Internet browser** . The company will enhance the product and make it more **commercially** available. Spyglass continues to work with Mosaic's developer, the National Center for Supercomputing Applications, which will help add digital **audio** , formatting, image, and security functions that support **commercial** use. Mosaic uses **Transmission Control Protocol/Internet** Protocol (TCP/IP) communications to provide an easy to use interface to **Internet** text, graphics, and files. Mosaic 2.0 will add electronic malls, storefronts, and security features...

...languages will support improved image formatting. Telegrafix Communications, which developed the RIPscript client/server graphics **management** program, and other vendors are crying foul at the government's subsidizing a Mosaic **commercial** release.

21/3,K/24 (Item 9 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00065632 DOCUMENT TYPE: Review

PRODUCT NAMES: Elastic Reality (469815); Metaflo' (504718); Morph (390739)

TITLE: **Strange Companions**  
AUTHOR: Anderson, Scott  
SOURCE: Desktop Video World, v2 n4 p24(6) May 1994  
ISSN: 1067-7720

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

Morphing is used effectively in many **commercial** productions. High-quality morphing can be accomplished with one of several off-the-shelf programs. Elastic Reality's Elastic Reality was used in a **television** program to

create a talking dog. Elastic Reality's warp mode allowed the dog's lips to be manipulated to match the **voice** perfectly. The Valis Group's Metaflo is an animation program that offers warps and multiple image layers. Metaflo automatically tweens between keyframes, resulting in elaborate animations. After specifying movement, the **software** takes care of the details automatically, making sure that each element of the animation flows appropriately to the movement. The Windows-based Morph **software**, from Gryphon **Software**, lets a user **control** points with lines instead of end points, so **control** over a larger section of the image is allowed.

21/3,K/25 . (Item 10 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00065035 DOCUMENT TYPE: Review

PRODUCT NAMES: VocalChat Windows (499536); VocalChat WAN (499536)

TITLE: Leave a Message at the Tone  
AUTHOR: Baher, Jeffrey D  
SOURCE: PC Magazine, v13 n10 pNE37(2) May 31, 1994  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010124

VocalChat for Microsoft Windows, an intercom and **voice** -mail package for NetWare LANs and WANs, allows the user to communicate on a network with PC microphones and **sound** cards. It does not support detailed conversation or **voice** telephone calls. Windows, NetWare, and a **sound** card or Compact **Audio** Technology's **sound** board are required. Installation is easy, and the program is executed with a double click on an application icon in Program **Manager**. VocalChat polls the NetWare Bindery, and Service **Advertising** Protocol **broadcasts** to retrieve information about all available NetWare servers, users, and groups. The conversation achieved may be less than perfect, but LAN **VoiceBox** allows users to record greetings and play back **voice** -mail messages. VocalChat WAN is a related product that compresses conversation to conserve bandwidth.

Set	Items	Description
S1	120	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHE D? OR JOVAN J? OR JOVAN, J?)
S2	518556	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	995212	BROADCAST? OR RADIO? OR TELEVISION? OR TV OR TRANSMISS? OR TRANSMIT??
S4	1966580	CONTROL? ? OR MANAGE? OR COMMAND?
S5	1822810	COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR WORLD()W-IDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOMEPAGE? OR URL OR URLS OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE()LOCATOR? OR BROWSER? OR SOFTWARE?
S6	509280	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	2717750	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SH-OW? OR RETRIEV? OR FETCH?
S8	6	(VOICE? OR SOUND? OR AUDIO?) (3N) (CONTROL?) (3N) BROWSER?
S9	0	S1 AND S2 AND S3
S10	2914	S2 AND S3 AND S4 AND S5
S11	1755	S4(5N)S5(5N)S2
S12	61	S6 AND S7 AND S10
S13	11	S11 AND S3 AND S6
S14	19618	S6(6N)S7
S15	12	S10 AND S14
S16	53	S6(S)S7(S)S10
S17	68	S8 OR S13 OR S15 OR S16
S18	68	RD (unique items)
S19	46	S18 NOT PY>1998
S20	42	S19 NOT PD>980824

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20/5/1 (Item 1 from file 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01644566 ORDER NO: AAD98-31741

**THE EMERGENCY BROADCAST SYSTEM: PANICKED BODIES AND STRANGE VOICES IN 30S AMERICA (NINETEEN THIRTIES, BROADCASTING, RADIO)**

Author: MILLER, EDWARD D.

Degree: PH.D.

Year: 1998

Corporate Source/Institution: NEW YORK UNIVERSITY (0146)

Source: VOLUME 59/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1403. 335 PAGES

Descriptors: THEATER ; MASS COMMUNICATIONS ; AMERICAN STUDIES

Descriptor Codes: 0465; 0708; 0323

This dissertation, written by Edward D. Miller and entitled The Emergency Broadcast System, explores the aesthetics of popular American radio in the 1930s by focusing on three major events in American media history: the Fireside Chats of President Roosevelt, news coverage of the explosion of the Hindenburg Zeppelin above New Jersey, and the "War of the Worlds" broadcast performed by Orson Welles' Mercury Theatre. The broadcasting of these events are discussed as either panic-inducing or as panicked broadcasts themselves; they are analyzed and read in the context of the growing importance of the disembodied voice and the impact of the medium of radio.

In order to comprehend these shows I discuss the development of the radio as an electric object as well as the development of broadcasting programming in the broadcasting industry. Close readings of key broadcasts are included as are discussions of the vocal techniques used on radio as well as the differing placement of male and female voices on air. The myth of Narcissus and Echo as well as the writings of Schreber are reread in order to arrive at a comprehension of the psychoanalytic meanings of the communication medium, and how voices can control and estrange the listener. The project is concluded by a comparison of radio usage during the 1930s with the commercialization of the Internet in the 1990s.

The project is rooted in a reading of 1930s popular radio in the United States. However, it is not a traditional cultural history of the epoch. Its focus is on mediated events that occurred in this era. These events are situated historically--and indeed a characteristic they share is a temporal one--but by centering on these defining moments of the 1930s, the study explores how the disembodied voice gains key political and aesthetic importance in this era. Thus, this study of extraordinary broadcasting events, written under the guidance of Professor Allen Weiss and completed in May 1998, attempts to reveal the everyday on-air panic and the interrelationship between the disembodied radio voice and the audience.

20/5/2 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01257400 ORDER NO: AAD92-38647

**VOICE CONTROL OF A DUAL-ARM TELEROBOT (TELEROBOT, ROBOTICS)**

Author: HABERLEIN, ROBERT ARTHUR

Degree: PH.D.

Year: 1991

Corporate Source/Institution: UNIVERSITY OF KANSAS (0099)

Source: VOLUME 53/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4325. 276 PAGES

Descriptors: ENGINEERING, MECHANICAL

Descriptor Codes: 0548

This investigation explores voice control of a dual-arm telerobot. A literature review of voice control, voice technology and work measurement is conducted. This review includes a discussion of important voice technology topics, a survey of commercial voice equipment, and a study of

industrial and vocational work measurement techniques.

A voice control system was created for two Kraft GRIPS Master-Slave telerobotic manipulators. This system is based upon the concept of distributed computer control using inexpensive PC-AT computers that exchange information according to special communication and command protocols. The voice control system consists of four separate sub-systems; a Camera Sub-system that controls a motorized camera mount, a Teach Pendant Sub-system that emulates two standard Termiflex teach pendants, a Switch Sub-system that controls the Kraft Master switches, and a Voice Sub-system that accepts the operator's vocal commands and broadcasts digitally-recorded messages. The Voice Sub-system utilizes a Votan VPC-2100 recognition board and a TI-Speech synthesis board. The vocal commands are organized into a hierarchical structure based upon the fire-and-forget control scheme. A visual display of the vocal command status is also detailed.

In order to measure the effect of the voice control system upon the work performance of the telerobot, a formal experimental plan is described using twenty-four untrained operators divided into a voice group and a control group. Each group performs an experimental taskset using modified peg-in-hole vocational rehabilitation assessment test equipment. The experimental taskset consists of eight separate subtasks that exercise each of the four voice control sub-systems. The times to complete the subtasks are recorded to score each group's work performance. A split-plot ANOVA of the performance scores reveals significant group improvements in both the mean performance and the performance variance for those tasks which involve control of the telerobot and its peripheral systems. No significant group differences are found for those subtasks which chiefly involve the dexterity of the telerobotic Slaves.

20/5/3 (Item 3 from file: 35)

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01203814 ORDER NO: AADDX-94523

**THE DEVELOPMENT OF A HIGH-RESOLUTION MRI SYSTEM FOR THE STUDY OF ARTHRITIS IN FINGER JOINTS (OSTEOARTHRITIS)**

Author: FRY, MARTIN EDMUND

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF EXETER (UNITED KINGDOM) (5016)

Source: VOLUME 52/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4890. 332 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL; HEALTH SCIENCES, PATHOLOGY

Descriptor Codes: 0544; 0571

Available from UMI in association with The British Library.

Building of a magnetic resonance imaging (MRI) system in-house led to a relatively low-cost approach.

The main component of the system is a small bore 0.5 T superconducting magnet. This magnet was specified to be large enough to accommodate the major joints of the wrist and hand, but small enough to allow the subject to sit externally in an upright position with only their arm being placed in the magnet.

The radiofrequency (RF) system was assembled from in-house designed and commercially available modules. The system for generating magnetic field gradients used in-house designed circuits to provide computer-controlled manipulation of the gradient waveforms, commercially available audio power amplifiers and either one of two gradient coil sets. The pulse synthesis and data acquisition unit provides accurate timing of the generation of waveforms, control of the RF system and MR signal acquisition. The operation of this system is programmed by, and synchronized with, the computer system which is based on a PC with the addition of electronic modules to enhance performance in system control, data processing and image display.

The performance of the imaging system was analysed using test objects

and test sequences, and human volunteers. A gradient echo saturation recovery sequence proved optimal for generating images of cartilage, surrounding structures and bones. Averaging was used to improve SNR, but this did not result in unacceptably long scan times, and no artefacts due to movement of the finger were observed. Analysis of these images allows genuine detail and information on tissue organization to be distinguished from possible MRI artefacts.

The high-resolution images obtained in preliminary studies of patients with osteoarthritis exhibited a diverse pattern of joint change, including soft tissue proliferation, extensor expansion, osteophyte formation and joint subluxation. (Abstract shortened by UMI.)

20/5/4 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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926003 ORDER NO: AAD86-13205  
**TRANSMISSION PROTECTIVE RELAY COORDINATION - A COMPUTER-AIDED - ENGINEERING APPROACH FOR SUBSYSTEMS AND FULL SYSTEMS (CAD)**  
Author: RAMASWAMI, RAMASAMY  
Degree: PH.D.  
Year: 1986  
Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)  
Source: VOLUME 47/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2102. 198 PAGES  
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL  
Descriptor Codes: 0544

The task of selecting and setting protective relays on a transmission system is known to be very tedious and time consuming. This dissertation describes a computer-aided-engineering (CAE) tool developed to relieve the protection engineer of this laborious job by assisting him in setting and coordinating directional overcurrent and distance relays of a transmission system. Typical configurations such as two- and three-terminal lines, parallel lines, loops and radial lines have been considered. A set of new algorithms that are appropriate for the coordination of an entire system or for a part of a system ("subsystem") have been developed, implemented and successfully tested on Puget Sound Power and Light Co.'s (PSPL) 115-kV transmission system (38 bus/61 lines).

An integrated **software** package called **Computer Aided Protection System (CAPS)** has been developed for coordinating full systems of medium size. The large amount of data associated with the protection system is efficiently handled by using a **commercial** relational database **management** system called **Relational Information Management (RIM)**. Three crucial new algorithms have been developed. The first one carries out a sparsity oriented topological analysis of the system to arrive at an efficient sequence of the primary/backup relay pairs of the system. The second and third algorithms are concerned with the coordination of the overcurrent and distance relays respectively. The specific new contribution of this dissertation is the development of the subsystem coordination procedure which efficiently computes the relay settings for a part of a large system in response to changes in system conditions in that part. This procedure automatically identifies the subsystem which is affected by system changes and carries out the coordination process. This algorithm has been successfully implemented and tested on PSPL's **transmission** network. The test results have been verified to agree with the full system method. It has been **shown** that the subsystem method offers significant savings in **computer** time for coordinating the modified system when compared to full system method.

20/5/5 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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736861 ORDER NO: AAD81-03579

"LOVE IN THE ASYLUM" FOR ORCHESTRA. (ORIGINAL COMPOSITION)

Author: MCNABB, MICHAEL

Degree: D.M.A.

Year: 1980

Corporate Source/Institution: STANFORD UNIVERSITY (0212)

Source: VOLUME 41/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3315. 94 PAGES

Descriptors: MUSIC

Descriptor Codes: 0413

Love in the Asylum is a composition for an orchestra consisting of two flutes (one doubling on piccolo), oboe, english horn, B('FLAT)) clarinet (doubling on E('FLAT)) clarinet), bass clarinet (doubling on alto saxophone), two bassoons, two horns, two trumpets, bass trombone, two percussionists, harp, six first and six second violins, three violas, three violoncellos, and two double basses.

The title and basic inspiration for the work is drawn from a poem by Dylan Thomas. In the composer's interpretation, this poem expresses the idea that intense creative states are often difficult to distinguish from madness, and as hard to control, although the rewards are worth the struggle. The composition does not have a programmatic relationship with the poem.

The primary compositional premise is that of the juxtaposition, interleaving, and transformation of two **musical** groups. The first consists of modern **musical** techniques such as **ad hoc** modal systems, clusters, phase patterns, and freely atonal melodicism. The second group consists of a variety of **sounds** and **musics** commonly associated with the popular U.S. culture and environment, such as turn-of-the-century carrousel organs, "Muzak", and the **sound** of **television** game shows.

Several computer programs were written by the composer to facilitate the execution of various parts of the work. In particular, a program was written to effect the gradual and controlled transformation of an entire section, which begins as a dense, chromatic, and arhythmic passage and ends as a full transcription of the carrousel organ music.

20/5/6 (Item 1 from file: 583)

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06655454

Sony to **launch** tlm **ad** **push** for own-branded Vaio laptop

UK: BIG AD CAMPAIGN FOR SONY'S LAPTOP **COMPUTER**

Marketing Week (MW) 08 Jul 1998 p.9

Language: ENGLISH

The new Vaio own branded laptop **computer** manufactured by <Japanese> consumer electronics group Sony will have the largest product campaign in 1998 according to Ian Miller, general **manager** of the Information Technology group at Sony UK. The GBT lmn promotion will include advertisements in the national press and **computer** journals and will mark Sony's entry into the UK **computer** market, initially through notebook **computers** for both private and professional use, although the range may include desktop variants at a later date. The **computers** will be available from July 1998 at PC World, some Dixons outlets and the John Lewis Partnership, and as the name vaio (video **audio** integrated operation) suggests, they may be connected to digital camcorders for downloading pictures to edit or send by e-mail. \*

COMPANY: JOHN LEWIS PARTNERSHIP; DIXONS; PC WORLD; SONY UK; SONY

PRODUCT: Laptop **Computers** (3573LC); Motion Picture & TV Distribution (7820);

EVENT: Product Design & Development (33); Marketing Procedures (24);

COUNTRY: United Kingdom (4UK); Japan (9JPN);

20/5/7 (Item 2 from file: 583)

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06615450

Upstarts give users **control** of **voice** services via **browser**

UK: ISP'S HAND OVER CONTROL OF VOICE SERVICES

Communications Week International (CWI) 06 Apr1998 p.13

Language: ENGLISH

Customers are being given the ability to control switched voice services by service providers through a Web-based interface. By using such a system those entering can avoid the usual non-user friendly number codes which are usually mandatory. A user uses the browser to point and click on the service which they wish to use. In effect by allowing users to take control of telecoms services from the core of the telecoms network through the Internet carrier services can be unbundled and thereby eliminates any need for access codes or charges. The UK based NETcall has launched one such service called SomeOne. This is a private and public network offering a "freecall" service which connects Web users to sales agents. In easy to comprehend terms the customer who wants to make a call points and clicks on "called party", the PC application then asks for call set-up. A Service provider then returns the call to both the "caller" and the "called party" with the caller being the billed for the two legs of the call. The new system does not rely upon IP telephony for transmission but it can be deployed.

COMPANY: NETCALL

PRODUCT: Telephone Communications (4811); Telecommunications (4810);

Computers & Auxiliary Equip (3573); Communications Equip ex Tel (3662);

EVENT: Product Design & Development (33);

COUNTRY: United Kingdom (4UK);

20/5/8 (Item 3 from file: 583)

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06511332

LGIC to build KT system for Internet telephony

SOUTH KOREA: LGIC TO PROVIDE INTERNET TELEPHONY

The Korea Herald (XBF) 23 Aug 1997 P.7

Language: ENGLISH

South Korea's LG Information & Communication (LGIC) will provide a pilot **Internet** phone system, **Internet** Telephony Server-Service Provider (ITS-SP), developed by American Lucent Technologies to Korea Telecom (KT). The system, which supplies phone-to-phone service over the **Internet**, can **transmit** telephone **calls** and faxes over the **Internet** via linking to public switched telephone networks (PSTN) or private bureau exchanges (PBX). LGIC will provide two 24-circuit and one 36-circuit gateway servers and a network **management** system. Gateway servers are the **computers** which transform analog **voice** signals into digital packets based on the **Internet** Protocol (IP) on the sender's end and turn these packets back into analog signals on the receiver's end. KT will perform tests on **Internet** telephony, using the system for a few months before providing the pilot service towards the end of 1997. Full **commercial** service should start in 1998. LGIC intends to develop its own phone-to-phone systems, with projection of fast development of low-cost **Internet** telephone services.

COMPANY: KT; KOREA TELECOM; LUCENT TECHNOLOGIES; INTERNET; LGIC; LG INFORMATION & COMMUNICATION

PRODUCT: Telecommunications (4810);

EVENT: Plant/Facilities/Equipment (44); Planning & Information (22);

COUNTRY: South Korea (9SOK);

20/5/9 (Item 4 from file: 583)

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06441597

Soon - **Internet** connection without ISP or phone charges

SINGAPORE: **INTERNET** CONNECTION VIA VBINET

Business Times (XBA) 10 Mar 1997 P.10

Language: ENGLISH

Starting September 1997, Singapore will be the first country in Asia to enjoy **Internet** connection without having to subscribe to an **Internet** Service Provider (ISP) or pay phone charges at all. At present, a local firm Media **Manager** is running **Internet** **broadcasting** trials in Singapore. Media **Manager** will **broadcast** via VBinet (an **Internet** **broadcasting** system developed by Norpak). VBinet allows **Internet** data to be distributed directly to PCs using **TV** signals. It's speed is 115 kilo-bits per seconds (kbs), compared to current 33.6 kbs dial-up modems. Since it **broadcast** wirelessly, there is no **transmission** slowdown no matter how many users are accessing the same data. With VBinet, users can also program their PCs to record selected **broadcast** programmes. A user needs a **PC** with a Norpak **PC** card, a **TV** antenna or cable **TV** connection to access the **Internet** data via a standard **browser**. A Norpak **PC** card, that can receive **TV** signals from Singapore, will be available in July 1997. Channels **broadcast** by the VBinet could be **TV** programmes, online newspapers, **web** **pages** with **audio** and video enhancements and stock news. Currently, Media **Manager** is in talks with **TV** companies like **Television** Corporations of Singapore and **Internet** content providers to provide **broadcasting** materials. The firm plans to **commercially** launch its services sometime in September 1997.

COMPANY: **TELEVISION** CORPORATIONS OF SINGAPORE; NORPAK; MEDIA **MANAGER**

PRODUCT: **Radio** & **TV** **Broadcasting** (4830);

EVENT: Product Design & Development (33); Planning & Information (22);

COUNTRY: Singapore (9SIN);

20/5/10 (Item 5 from file: 583)

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06359389

Netscape launches voice browser with IBM

HONG KONG: NETSCAPE BROWSER SUPPORTS IBM OS/2

HK Economic Journal (XKG) 03 Sep 1996 P.26

Language: CHINESE

Netscape will launch a new **voice** **-control** **browser** with IBM in October 1996, to support IBM OS/2 Wrap 4 system. Netscape's browser can now support 17 different platforms, compared to 2 (Window 95 and Window NT) by Microsoft's Internet Explorer. \*

COMPANY: MICROSOFT; IBM; NETSCAPE

PRODUCT: Databases (7375DA);

EVENT: Product Design & Development (33);

COUNTRY: Hong Kong (9HON); United States (1USA);

20/5/11 (Item 6 from file: 583)

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06187261

Television distributes software

US: TUNER CARD ALLOWS SOFTWARE DELIVERY VIA TV

Sunday Times (ST) 06 Aug 1995 p.2/9

Language: ENGLISH

En Technology, which is based in Keene, New Hampshire, and is a subsidiary of PC Connection, a US computer retailer, has developed a tuner card which allows computer programs to be transferred to a personal computer ( PC ) using television channels. The card, which is currently known as Malachi, connects the back of the PC with the TV aerial socket. A menu is broadcast to the PC and the user then selects which software programs to download. The new technology could allow home shopping channels to distribute software as it being advertised, while news organisations could offer additional information, and video game shows could supply demonstrations to viewers. Malachi is expected to be launched in the US in autumn 1995, at a price of under US\$ 100, while other countries could buy it by the end of 1995.

COMPANY: EN TECHNOLOGY

PRODUCT: Mail Order Houses (5961); Modems (3661MW); Computer Services ( 7370); Audio & TV Equipment (3651);

EVENT: General Management Services (26); Product Design & Development ( 33);

COUNTRY: United States (1USA);

20/5/12 (Item 7 from file: 583)  
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05971824

Hohe Verluste der Tochter zwingen zur Konzentration auf das Kerngesc\

GERMANY: KRONE CONCENTRATES ON CORE BUSINESS

Handelsblatt (HT) 11 Apr 1994 p.14

Language: GERMAN

Due to the high losses incurred by its subsidiary Krone-REW in 1993, German Berlin-based Krone AG wants to concentrate on telecoms network technology and give up other business activities and affiliates. Krone-REW, a producer of display systems, luminous advertising elements and corporate design programmes, is to be closed. Parts of production could be transferred to the French subsidiary Ar-Lux. The streamlining also affects the software subsidiary Infsoft, Dinslaken. The division of telecoms transmission technology, however, "is sound and can be expanded", according to the management.

COMPANY: KRONE; KRONE-REW; KRONE REW; AR-LUX; AR LUX; INFOSOFT

PRODUCT: Telecommunications Equipment (3661); Electrical & Electronic Equip (3600);

EVENT: Plant/Facilities/Equipment (44); Company Acquisitions (16); Planning & Information (22);

COUNTRY: Germany (4GER); France (4FRA);

20/5/13 (Item 8 from file: 583)  
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05112484

A licence to print money

UK - RESEARCHERS MAKE BREAKTHROUGH IN LCDS

Financial Times (C) 1992 (FT) 4 June 1992 p20

Researchers working for Thorn EMI, the UK entertainment and electronics group, have made a breakthrough in one of the most competitive areas of R&D: liquid crystal displays (LCDs) for flat-screen televisions and portable computers. Thorn has just signed the first licensing agreement with a Japanese electronics manufacturer to commercialise its new type of ferroelectric LCD, and the UK company hopes that royalties from that and other licensing deals will repay its research investment. The LCD programme is one example of the way Thorn has managed to maintain the scientific

and technical strength of its Central Research Laboratories (CRL) in Hayes, west of London, while the company has transformed itself from being primarily a high-technology electronics manufacturer 10 years ago to primarily an entertainment and leisure company today. Thorn began to run CRL as a separate company with its own profit and loss accounts this year. 'It's demonstrating that R&D can be looked upon as an activity like any other in a commercial organisation,' Gray says. from other contract research organisations. Another feature of CRL's work is its avoidance of specific product development. It concentrates on 'ideas, technologies and applications, based on wide-ranging scientific knowledge coupled to market awareness'. Examples of current CRL projects include: Neural networks. Thorn is working on several applications in this fashionable area of research, using **computers** to find patterns or classify data in a way that resembles a simple model of the brain (see story on right). One is in the financial area: However, despite the success of CRL's strategy so far, it remains to be seen whether it can continue in the long run, particularly if Thorn sheds its remaining businesses in electronics, security and lighting and becomes exclusively a **music** and rental company. And there is always the question of what happens if CRL comes up with a truly radical development - a world-beating invention that Thorn would want to exploit itself, if only it had kept its high-technology manufacturing operations.\*\*  
Copyright: Financial Times Ltd 1992;

COMPANY: EMI

PRODUCT: Records & Tapes (3652); Consumer Electronics (3650);  
EVENT: PRODUCT RESEARCH (THEORY & METHODS) (31);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

20/5/14 (Item 9 from file: 583)  
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04256153  
PUBLISHER ORDERS USD1r1.5 MIL VSAT NETWORK  
MEXICO - PUBLISHER ORDERS USD1r1.5 MIL VSAT NETWORK  
Communicationsweek International (CWI) 29 April 1991 p15  
ISSN: 1042-6086

Organizacion Editorial Mexicana (Mexico), publisher, has ordered a USD1r1.5 mil VSAT master station and 32 remote stations, to be installed by Satellite Technology Management (STM) (Costa Mesa, CA). The digital network will send material for 68 newspapers, and will allow toll-quality **voice transmission**, while proprietary network-**management software** will be supplied by STM.\*

PRODUCT: Electronic Chemicals (2800EC); Network Management (3661NM);  
**Commercial** Satellites (3761CM); Satellite Communications (4840);  
EVENT: CONTRACTS & ORDERS (61);  
COUNTRY: Mexico (3MEX);

20/5/15 (Item 10 from file: 583)  
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04190349  
PSION DEVELOPS HANDHELD INDUSTRIAL COMPUTER  
UK - PSION DEVELOPS HANDHELD INDUSTRIAL COMPUTER  
Financial Times (C) 1991 (FT) 5 April 1991 p12

Psion (UK): electronic organiser and portable **computer** manufacturer, has developed a hand-held unit for use in industrial or **commercial** applications for tasks such as stock-taking, quality **control** monitoring or for looking up prices and information. Similar in shape to the Psion



organiser, the HC range of hand-held units can be used with a range of peripherals such as bar-code readers and scanners. Each unit has a 16 bit processor, LCD screen and loudspeaker to broadcast digitally recorded speech. Psion believes the market for such hand-held machines is about to take off. Figures from industry analysts Dataquest show that the sector is growing faster than either the laptop or notebook market - at a rate of more than 90 per cent a year. (Abstract. Copyright The Financial Times Limited 1991)\*\*

Copyright: Financial Times Ltd 1991

PRODUCT: Microcomputers (3573MI);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);  
South East Asia Treaty Organisation (913);

20/5/16 (Item 11 from file: 583)  
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04120235

TELECONFERENCING PRODUCT FROM TRANSDYNAMIC  
FRANCE - TELECONFERENCING PRODUCT FROM TRANSDYNAMIC  
Monde Informatique (LMI) 18 February 1991 p10  
ISSN: 0242-5769  
Language: French

Transdynamic has introduced Conference Manager, a FFr36k teleconferencing product which transmits voice and black and white documents. Unlike a conventional videoconferencing product, users cannot see each other but they are able to annotate the documents being transmitted. Conference Manager uses one 64kbits/s Numeris channel to transmit voice and the other to transmit image and annotations. Conference Manager runs under Windows on a 286 or 386 PC using ad hoc software and a Numeris connection card. A complete Conference Manager workstation costs FFr97,380, and communications costs for a Numeris subscriber, assuming the product is being used in France, range from FFr100/h to FFr350/h, depending on the distance. In comparison, a videoconferencing call costs around FFr1k/h and the investment required for the equipment is estimated at FFr400k at least. Transdynamic will shortly introduce a second version of Conference Manager with more facilities, particularly for image storage.

PRODUCT: Teleconferencing (3661TC); Teleconferencing (4811TC);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European  
Economic Community Countries (419); NATO Countries (420); South East  
Asia Treaty Organisation (913);

20/5/17 (Item 12 from file: 583)  
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03708038

COMMODORE LAUNCHES CD-TV  
UK - COMMODORE LAUNCHES CD-TV  
Information World Review (IWR) 0 September 1990 p21  
ISSN: 0950-9879

Commodore has launched CD-TV, a domestic entertainment system which uses compact disk technology for storing data. The CDTV may be directly connected to a standard TV set, and controlled by an infrared keypad. It will play standard audio CDs. It may also be connected to a standard computer monitor, and the unit features connectors for parallel printer, RS232, MIDI in and out and external floppy disk, as well as a port to use with S-VHS videos to store programmes and sockets for linking keyboards and joysticks. It features a 16 bit processor and three chips named Paula, Agnus and Denise. Paula handles digital audio generation and provides hardware support for sprite-based graphics and well as controlling DMA

access for the system. It is a heavy-duty graphics processor and can control 1 Mb video RAM. Denise offers video mode support which includes basic genlock facilities and with Agnus will provide system graphics support allow 320 x 256 and 640 x 512 pixel resolution with up to 4096 colour palette. One interface is a 64 kb credit card memory slot for storing non-volatile transient data. It costs GBP700 and will be supported by an advertising budget of GBP1.5 mil in the UK.

PRODUCT: Television Equipment (3651TV);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

20/5/18 (Item 13 from file: 583)  
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02172022  
BELL ATLANTIC LAUNCHES AD CAMPAIGN  
US - BELL ATLANTIC LAUNCHES AD CAMPAIGN  
Advertising Age (AAE) 26 September 1988 p84  
ISSN: 0001-8899

Bell Atlantic has launched its USD1r60 mil ad campaign, via J Walter Thompson USA, that is designed to promote the company's non-telephone services. The 'We're more than just talk' campaign will inform consumers of Bell's other enterprises, including new- business financing services, real estate management and development of hospital data systems. A mixture of images have been incorporated into 18 TV spots and 30 print ads, which were quickly assembled following the account assignment in 7/88 in order to air during the Summer Olympics TV coverage. The campaign, which is the first by Bell Atlantic to use a corporate theme, features original music and lyrics and frequently includes a computer terminal in spots to act as a symbol of a modern corporation. Phone services at Bell Atlantic account for 75-80% of revenues presently, vs 100% five years ago. That percentage is expected to decrease because of the campaign, which will run for one year. About 80% of Bell's media buys will promote value-added telephone services, and leasing line and computer maintenance services will be promoted with international ads in 10/88. The four Bell Atlantic telephone companies (New Jersey Bell, Bell of Pennsylvania, Diamond State Telephone and C&P Telephone Cos) are also handled by J Walter Thompson. J Walter Thompson recently won the USD1r35 mil Yellow Pages and Bell Atlantic Mobile Systems media buying account.

PRODUCT: Communications (4800);  
EVENT: COMPANIES ACTIVITIES (10);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

20/5/19 (Item 14 from file: 583)  
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00370644  
MUSIC BOX BUYS KIT FROM LOGICA  
UK - MUSIC BOX BUYS KIT FROM LOGICA  
Computing (CNG) 3 July 1986 p2

Music Box has awarded a #145k contract to Logica to provide Advert Display Control Units. The units will select advertisements to be seen on the Cable TV service in various nations.\*

PRODUCT: Cable Television Systems (4834); Computer Software (7372);  
CAD/CAM Mechanical Software (COSW);  
EVENT: CONTRACTS & ORDERS (61);  
COUNTRY: Earth - Planet (0W); United Kingdom (4UK); OECD Europe (415);

20/5/20 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6135933 INSPEC Abstract Number: B1999-02-7650C-008, C1999-02-3360L-063

Title: The application of the safety case methodology to the Inmarsat aeronautical services

Author(s): Davies, P.

Author Affiliation: Space Div., Logica, Cobham, UK

Conference Title: Proceedings DASIA 98. - Data Systems In Aerospace - (SP-422) p.539-44

Publisher: ESA, Paris, France

Publication Date: 1998 Country of Publication: France xi+561 pp.

Material Identity Number: XX-1998-03126

Conference Title: Proceedings DASIA 98. - Data Systems in Aerospace -

Conference Date: 25-28 May 1998 Conference Location: Athens, Greece

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The Inmarsat Aeronautical Satellite Communications System is already in use in a range of modern aircraft. At present it is used primarily for passenger communications although it is also employed as an aid to air traffic **management** in the South Pacific and certain other oceanic airspace. Equipped aircraft integrate satellite communication, navigation and surveillance (CNS) systems with the flight **management** system, enabling pilots to remain in constant **voice** and data link communications with air traffic **control**, even when aircraft are out of range of ground-based radar and **radio** communications. The system supports both air traffic **control** and flight information functions, as well as aircraft operational **control**. Communication is by a two-way **voice** and data link, with the latter predominating. Applications include requesting and giving clearances, issuing advisories and automatic dependent surveillance (ADS). ADS is the periodic reporting, without pilot involvement, of aircraft position and intent data, derived from the primary on-board navigation system, to air traffic **control**. In order to support the change from procedural air traffic **control** to advanced air traffic **management** techniques based on CNS in oceanic and remote airspace, the system must be certified by the relevant aviation safety regulatory authorities. The first steps in this process have been taken by Inmarsat who have contracted Logica to develop a safety case for the aeronautical satellite communications system. This paper discusses the safety case methodology in the context of the Inmarsat aeronautical system and **shows** how it can be retroactively applied. (0 Refs)

Subfile: B C

Descriptors: aerospace computing; air traffic control; aircraft communication; aircraft control; certification; data communication; satellite navigation; software fault tolerance; surveillance; telecommunication computing; voice communication

Identifiers: safety case methodology; Inmarsat Aeronautical Satellite Communications System; aircraft; passenger communications; air traffic management; satellite communication; satellite navigation; flight management system; voice communications; data link communications; air traffic control; flight information functions; automatic dependent surveillance; certification; aviation safety regulatory authorities; Logica

Class Codes: B7650C (Air traffic control); B6250G (Satellite communication systems); B6330 (Radionavigation and direction finding); C3360L (Aerospace control); C7460 (Aerospace engineering computing); C7410F (Communications computing)

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20/5/21 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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6026710 INSPEC Abstract Number: C9810-7170-009

**Title:** Interactive advertising: patterns of use and effectiveness  
**Author(s):** Ridsden, K.; Czerwinski, M.; Worley, S.; Hamilton, L.; Kubiniec, J.; Hoffman, H.; Mickel, N.; Loftus, E.  
**Author Affiliation:** Microsoft Corp., Redmond, WA, USA  
**Conference Title:** CHI 98. Human Factors in Computing Systems. CHI 98 Conference Proceedings p.219-24  
**Editor(s):** Karat, C.-M.; Lund, A.; Coutaz, J.; Karat, J.  
**Publisher:** ACM, New York, NY, USA  
**Publication Date:** 1998 **Country of Publication:** USA **2** vol.(xv+646+xx+396) pp.  
**ISBN:** 0 201 30987 4 **Material Identity Number:** XX98-01066  
**U.S. Copyright Clearance Center Code:** 0 89791 975 0/98/4..\$5.00  
**Conference Title:** Proceedings of Conference on Human Factors in Computing Systems (CHI 98)  
**Conference Sponsor:** ACM  
**Conference Date:** 18-23 April 1998 **Conference Location:** Los Angeles, CA, USA  
**Language:** English **Document Type:** Conference Paper (PA)  
**Treatment:** Practical (P)  
**Abstract:** The number of people exploring the **World Wide Web** is growing dramatically. Many companies are interested in the potential of **advertising** on the Web, but there is little research to guide their decision. The present study demonstrates the concept of a corporate sponsored **Web site** as a promising direction for **Web advertisers**. **Advertisements** for products targeting 10-14 year-olds were presented as Web games and inserted into a prototype **Web site**. For example, in one **ad**, players scored points by actively steering toward the **advertised** product with their Web video-game car, while dodging undesirable obstacles on the road ( **sound** effects included). For comparison, subjects also watched a **TV ad** for the same product embedded in a **TV** program. One day later, tests showed that Web ads positively influenced how easily the **advertised** brand came to mind compared to **TV ads** and compared to no- **ad controls**. The effectiveness of interactive Web ads for influencing consumers' memory in this preliminary study suggests that it merits more attention as a potentially viable medium for **advertising**. Factors that could contribute to the advantage for Web ads are discussed.  
(9 Refs)  
**Subfile:** C  
**Descriptors:** advertising data processing; **computer** games; human factors ; **Internet** ; user interfaces  
**Identifiers:** interactive advertising; **World Wide Web** ; corporate sponsored **Web site** ; Web games; video game; **TV** advertisements;  
**Internet**  
**Class Codes:** C7170 (Marketing computing); C7210 (Information services and centres); C6180 (User interfaces)  
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20/5/22 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5838579 INSPEC Abstract Number: C9804-6180N-002  
**Title:** Building a speech controlled recipe browser  
**Author(s):** LaLonde, W.; Pugh, J.  
**Journal:** JOOP vol.10, no.8 p.69-75, 79  
**Publisher:** SIGS Publications,  
**Publication Date:** Jan. 1998 **Country of Publication:** USA  
**CODEN:** JOOPEC **ISSN:** 0896-8438  
**SICI:** 0896-8438(199801)10:8L:69:BSCR;1-B  
**Material Identity Number:** G316-98002  
**Language:** English **Document Type:** Journal Paper (JP)  
**Treatment:** Practical (P)  
**Abstract:** Previously, the authors developed a speaker engine for interfacing with simple text-to-speech software (Monologue from First Byte), and a listener engine for interfacing with speech recognition software (IBM **VoiceType**). They develop a **voice-controlled** recipe **browser** that uses both engines. The recipe browser was designed to open

an HTML file. When such an HTML file is opened, the browser strips put the HTML tags, extracts the recipe information into a collection of recipe objects, and displays the resulting recipes. A user can then select one of the recipes in the list pane with the mouse. From that point onward, the user can switch to voice control as the actual recipes are being worked on in the kitchen. With hands wet with cooking ingredients, one assumes it's not convenient to work the mouse. By default, the browser is ready to list the ingredients via commands such as next or previous. It's also possible to switch to the list of instructions with command instructions or steps. Commands next and previous will then apply to instructions until the user switches back to ingredients via command ingredients or stuff. (0 Refs)

Subfile: C

Descriptors: natural language interfaces; speech recognition

Identifiers: speech controlled recipe browser; speaker engine; text-to-speech software interfacing; Monologue from First Byte; listener engine; speech recognition software interfacing; IBM VoiceType; HTML file; recipe objects; command instructions

Class Codes: C6180N (Natural language processing); C5260S (Speech processing techniques)

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20/5/23 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5801345 INSPEC Abstract Number: A9804-9385-061, B9802-7710D-059, C9802-7340-075

**Title: Extensible physical oceanographic real-time system (PORTS)**

Author(s): Wilmot, W.L.; Galt, J.A.; Cheng, R.T.

Author Affiliation: Nat. Ocean Service, NOAA, Rockville, MD, USA

Conference Title: Oceans '97. MTS/IEEE. Conference Proceedings (Cat. No.97CH36105) Part vol.2 p.1437-41 vol.2

Publisher: IEEE, New York, NY, USA

Publication Date: 1997 Country of Publication: USA 2 vol. xx+1510 pp.

ISBN: 0 7803 4108 2 Material Identity Number: XX97-02510

U.S. Copyright Clearance Center Code: 0 7803 4108 2/97/\$10.00

Conference Title: Oceans '97. MTS/IEEE Conference Proceedings

Conference Sponsor: Marine Technol. Soc.; OES; IEEE; MT&T

Conference Date: 6-9 Oct. 1997 Conference Location: Halifax, NS, Canada

Language: English Document Type: Conference Paper (PA)

Treatment: New Developments (N); Practical (P)

Abstract: NOAA's PORTS is a decision support system to facilitate safe and efficient maritime commerce and effective environmental resource **management**. PORTS is installed in Tampa Bay, New York/New Jersey Harbor, Houston/Galveston, and San Francisco Bay. PORTS consists of real-time observations of ocean conditions and weather, **computer** model nowcasts and forecasts of ocean fields, and dissemination of data via a telephone **voice** data response system and **Internet**. PORTS information ensures that an adequate margin of safety is available to larger and larger ships in channels which are being deepened but not significantly widened. PORTS provides information permitting shippers to load their vessels to take full advantage of real-time water levels and channel improvements. PORTS information guides hazardous materials spill prevention and response as well as effective ecosystem health **management**. The San Francisco Bay PORTS is the model for a future National PORTS. That model is an extensible PORTS based on an Information Hub Concept (InfoHub) which will permit PORTS to adapt to evolving user needs. The extensible PORTS provides standard sensor interfaces to encourage the addition of non-NOAA sensors to the system. A data base provides a broad user community with access through downloadable applications and applets on **Internet**. PORTS provides information **broadcast** to shipboard vector and raster Electronic Chart and Information **Display** Systems and a Lockheed Martin/Rensselaer Polytechnic Institute Navigation and Piloting Expert Systems (NPES). An open architecture design will encourage **commercial** and academic partners to participate in National PORTS development. (5 Refs)

Subfile: A B C

Descriptors: computerised navigation; decision support systems;  
geophysics computing; navigation; oceanographic techniques

Identifiers: ocean conditions; sea coast; port; harbour; measurement  
technique; extensible physical oceanographic real-time system; PORTS; NOAA;  
decision support system; maritime commerce; ship; coastal navigation;  
environmental resource management; Tampa Bay; New York; New Jersey Harbor;  
Houston; Galveston; San Francisco Bay; USA; real-time observations; water  
level; channel improvement; marine pollution; spill prevention; Information  
Hub; InfoHub; Navigation and Piloting Expert Systems; NPES; piloting

Class Codes: A9385 (Instrumentation and techniques for geophysical,  
hydrospheric and lower atmosphere research); A9365 (Data and information;  
acquisition, processing, storage and dissemination in geophysics); A9210S (Coastal and estuarine oceanography); A9210 (Physics of the oceans); B7710D (Oceanographic and hydrological techniques and equipment); B7320C (Spatial variables measurement); C7340 (Geophysics computing); C7102 (Decision support systems)

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20/5/24 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5467229 INSPEC Abstract Number: B9702-6220B-020

Title: **ATM over hybrid fiber-coaxial cable networks: practical issues in deploying residential ATM services**

Author(s): Laubach, M.

Journal: Proceedings of the SPIE - The International Society for Optical  
Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.2917 p.188-99

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1996 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1996)2917L:188:OHFC;1-I

Material Identity Number: C574-96312

U.S. Copyright Clearance Center Code: 0 8194 2319 X/96/\$6.00

Conference Title: Broadband Access Systems

Conference Sponsor: SPIE

Conference Date: 19-22 Nov. 1996 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)

Treatment: General, Review (G)

Abstract: Residential broadband access network technology based on asynchronous transfer mode (ATM) will soon reach **commercial** availability. The capabilities provided by ATM access networks promise integrated service bandwidth available in excess of that provided by traditional twisted pair copper wire public telephone networks. ATM to the home meets quality of service needs, allowing immediate support for **Internet** services and traditional **voice** telephony. Other services such as desktop video teleconferencing and enhanced server-based application support can be added as part of the future evolution of the network. Additionally, advanced subscriber home networks can be supported easily. This paper presents an updated summary of the standardization efforts for ATM over HFC definition work currently taking place in the ATM Forum's Residential Broadband Working Group and the standards progress in the IEEE 802.14 Cable **TV** Media Access **Control** and Physical Protocol Working Group. This update is fundamental for establishing the foundation for delivering ATM-based integrated services via a cable **TV** network. An economic model for deploying multi-tiered services is presented **showing** that a single-tier service is insufficient for a viable cable operator business. Finally, the use of an ATM based system lends itself well to various deployment scenarios of synchronous optical networks (SONET). (19 Refs)

Subfile: B

Descriptors: access protocols; asynchronous transfer mode; broadband networks; cable television; economics; Internet; optical fibre subscriber loops; SONET; standardisation; telecommunication services; telecommunication standards; teleconferencing; telephony

Identifiers: ATM; hybrid fiber-coaxial cable networks; residential ATM

services; broadband access network; asynchronous transfer mode; quality of service; Internet services; voice telephony; desktop video teleconferencing; standardization efforts; enhanced server-based application support; HFC; ATM Forum; ATM-based integrated services; cable TV network; economic model; synchronous optical networks; SONET

Class Codes: B6220B (Subscriber loops); B6260 (Optical links and equipment); B6430D (CATV and wired systems); B6150M (Protocols); B6210 (Telecommunication applications)

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20/5/25 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5426103 INSPEC Abstract Number: B9701-6210L-001, C9701-7410F-001

**Title: Software via digital satellite TV**

Author(s): Hars, A.

Journal: BYTE vol.21, no.11 p.IS48/3-4

Publisher: McGraw-Hill,

Publication Date: Nov. 1996 Country of Publication: USA

CODEN: BYTEDJ ISSN: 0360-5280

SICI: 0360-5280(199611)21:11L:3:SDS;1-X

Material Identity Number: B183-96010

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: PC users in France are the first in Europe to receive **commercially** available highspeed data services from digital TV satellites. Europe's biggest pay TV provider, Canal+ in Paris, **launched** direct-to-home **software** -downloading services earlier this year. On its C:channel, a program that focuses on **computer** news and reports, the company offers its C:Direct service. This lets PC users download shareware, games, educational **software**, and benchmarking databases at 400 Kbps. The set-top box connects to the satellite dish, the PC's parallel port, and the telephone network. You need no additional **software**. To trigger and **control** the download, the set-top box starts the **transmission** via telephone and receives the **software** in high speed over the satellite dish. The return path's bandwidth, however, is only 2.4 Kbps, but higher speeds on the return path will soon be available as an option, Canal+ says. By the end of the year, Canal+ plans to have a **commercial software** store in place offering graphical and **musical** applications as well as office tools and **Internet** access over satellite. (0 Refs)

Subfile: B C

Descriptors: digital television; direct broadcasting by satellite; Internet; telecommunication computing; telecontrol

Identifiers: highspeed data services; digital TV satellites; pay TV provider; Canal+; direct-to-home software-downloading services; C:Direct service; shareware; games; educational software; benchmarking databases; set-top box; commercial software store; office tools; Internet access

Class Codes: B6210L (Computer communications); B6250G (Satellite relay systems); C7410F (Communications computing); C5620W (Other computer networks)

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20/5/26 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5296931 INSPEC Abstract Number: B9607-6210L-127, C9607-5620L-040

**Title: Mobility-management and media-access issues in the BAHAMA wireless ATM LAN**

Author(s): Karol, M.; Veeraraghavan, M.; Eng, K.

Author Affiliation: AT&T Bell Labs., Holmdel, NJ, USA

Conference Title: 1995 Fourth IEEE International Conference on Universal Personal Communications. Record. Gateway to the 21st Century (Cat. No.95TH8128) p.758-62

Publisher: IEEE, New York, NY, USA

Publication Date: 1995 Country of Publication: USA 991  
ISBN: 0 7803 2955 4 Material Identity Number: XX95-021  
U.S. Copyright Clearance Center Code: 0 7803 2955 4/95/\$4.00  
Conference Title: Proceedings of ICUPC '95 - 4th IEEE International  
Conference on Universal Personal Communications  
Conference Date: 6-10 Nov. 1995 Conference Location: Tokyo, Japan  
Language: English Document Type: Conference Paper (PA)  
Treatment: Theoretical (T)

Abstract: We previously proposed an ad-hoc wireless ATM LAN/PBX, in which portable base stations (PBSs) can be deployed in an arbitrary topology to support mobile users with multimedia laptop computers. In this network, which we call BAHAMA, mobile users can communicate with one another directly as peer-to-peer if they are close by, or using the PBS backbone LAN. The user wireless links are assumed to be in the 2- to 20-Mb/s range, adequate for most video, data, voice and multimedia applications. The PBS-to-PBS links can either be wired or wireless and are assumed to be high speed (Gb/s). The PBSs are simple, compact and low-cost switching nodes performing cell routing. They can be relocated since the network design allows for ad-hoc configurations, i.e., self-configuring and self-organizing capabilities. There are many challenges to be addressed in such a wireless ATM LAN. In this paper, after presenting some background material on the BAHAMA project, we discuss several important issues in two key areas: mobility management and media access. Mobility management is needed because wireless users are free to roam about the network. Media access protocols are the means to allow shared, wireless access by multiple, mobile users. (5 Refs)

Subfile: B C

Descriptors: access protocols; asynchronous transfer mode; computer network management; data communication; land mobile radio; local area networks; mobile radio; multi-access systems; multimedia communication; private telephone exchanges; telecommunication network routing

Identifiers: mobility-management; media-access issues; BAHAMA wireless ATM LAN; ATM LAN/PBX; portable base stations; topology; multimedia laptop computers; PBS backbone LAN; user wireless links; video; data; voice; PBS-to-PBS links; switching nodes; cell routing; self-configuring capabilities; self-organizing capabilities; media access protocols; 2 to 20 Mbit/s; 1 Gbit/s

Class Codes: B6210L (Computer communications); B6210R (Multimedia communications); B6150M (Protocols); B6250F (Mobile radio systems); B6210C (Network management); B6150C (Communication switching); B6150E (Multiple access communication); B6230 (Switching centres and equipment); B6150P (Communication network design and planning); C5620L (Local area networks); C5640 (Protocols)

Numerical Indexing: bit rate 2.0E+06 to 2.0E+07 bit/s; bit rate 1.0E+09 bit/s

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DIALOG(R)File 2:INSPEC

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5264113 INSPEC Abstract Number: B9606-6430-027, C9606-7410F-082

Title: Real-time video-on-demand system based on distributed servers and an agent-oriented application

Author(s): Takahata, M.; Uemori, A.; Nakano, H.

Author Affiliation: NTT Human Interface Labs., Tokyo, Japan

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.2663 p.242-51

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1996 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1996)2663L:242:RTVD;1-X

Material Identity Number: C574-96076

U.S. Copyright Clearance Center Code: 0 8194 2037 9/96/\$6.00

Conference Title: Very High Resolution and Quality Imaging

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol



Conference Date: 31 Jan - 2 Feb. 1996 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** This video-on-demand service is constructed of distributed servers, including video servers that supply real-time MPEG-1 video & audio, real-time MPEG-1 encoders, and an application server that supplies additional text information and agents for retrieval. This system has three distinctive features that enable it to provide multi-viewpoint access to real-time visual information: (1) the terminal application uses an agent-oriented approach that allows the system to be easily extended, the agents are implemented using a commercial authoring tool plus additional objects that communicate with the video servers by using TCP/IP protocols; (2) the application server manages the agents, automatically processes text information and is able to handle unexpected alterations of the contents; (3) the distributed system has an economical, flexible architecture to store long video streams. The real-time MPEG-1 encoder system is based on multi-channel phase-shifting processing. We also describe a practical application of this system, a prototype TV-on-demand service called TVOD. This provides access to broadcast television programs for the previous week. (10 Refs)

Subfile: B C

**Descriptors:** information retrieval systems; interactive television; network servers; real-time systems; software agents; telecommunication computing; transport protocols; video coding

**Identifiers:** real-time system; video-on-demand; distributed servers; agent-oriented application; video servers; MPEG-1 encoders; retrieval; TCP/IP protocols; video storage; multi-channel phase-shifting processing; TV-on-demand

**Class Codes:** B6430 (Television equipment, systems and applications); B6140C (Optical information, image and video signal processing); C7410F (Communications computing); C5260B (Computer vision and image processing techniques); C7250 (Information storage and retrieval)

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20/5/28 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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5218619 INSPEC Abstract Number: B9605-6210L-034, C9605-5620L-009

**Title:** BAHAMA: a broadband ad-hoc wireless ATM local-area network

**Author(s):** Eng, K.Y.; Karol, M.J.; Veeraraghavan, M.; Ayanoglu, E.; Woodworth, C.B.; Pancha, P.; Valenzuela, R.A.

**Author Affiliation:** AT&T Bell Labs., Holmdel, NJ, USA

**Conference Title:** ICC '95 Seattle. Communications - Gateway to Globalization. 1995 IEEE International Conference on Communications (Cat. No. 95CH35749) Part vol.2 p.1216-23 vol.2

**Publisher:** IEEE, New York, NY, USA

**Publication Date:** 1995 **Country of Publication:** USA 3 vol. xxviii+1985 pp.

**ISBN:** 0 7803 2486 2 **Material Identity Number:** XX95-02234

**U.S. Copyright Clearance Center Code:** 0 7803 2486 2/95/\$4.00

**Conference Title:** Proceedings IEEE International Conference on Communications ICC '95

**Conference Sponsor:** IEEE Commun. Soc.; IEEE Seattle Sect

**Conference Date:** 18-22 June 1995 **Conference Location:** Seattle, WA, USA

**Language:** English **Document Type:** Conference Paper (PA)

**Treatment:** Practical (P)

**Abstract:** We describe the theory, design and ongoing prototyping of a wireless ATM LAN/PBX capable of supporting mobile users with multi-Mb/s access rates and multi-Gb/s aggregate capacities. Our proposed LAN consists of network nodes called portable base stations (PBS) providing microcell coverage. The PBSs are designed to be low-cost, compact and high-speed and can be relocated conveniently. We employ a concept of ad-hoc networking in the layout of the PBS-to-PBS interconnection. That is, the PBSs can be distributed in an arbitrary topology to form a backbone network and can be

reconfigured with relative ease. The PBS-to-PBS backbone links are high-speed (Gb/s) for supporting high system capacity. Although they can either be wired or wireless, our emphasis is on wireless implementations. The user-to-PBS links, on the other hand, are primarily for mobile access (e.g., 2-20 Mb/s) and therefore are wireless. Wired connections from stationary users to PBSs are also possible. Typical mobile users are assumed to be laptops or notebook computers. Services supported include conventional data applications (e.g., over TCP/IP or SPX/IPX) as well as multimedia (video, voice and data) applications with QoS (quality-of-service) guarantees. A "wireless ATM" concept is proposed so as to provide seamless internetworking with other wired ATM local and wide-area networks. Algorithms and control in our network are highly distributed for simple implementations and ease of mobility management. A new wireless VP/VC concept and a homing algorithm are described to provide ATM cell routing and connections in the network. PBS hardware and software architectures are discussed. Call management, network management and signaling are designed for simplicity, high performance and modular implementations. A fast network restoration scheme is proposed to cope with the potential link or node failures in the ad-hoc network. Error control is addressed taking the unreliable wireless links into consideration. Finally, a prototyping project called BAHAMA (broadband ad hoc ATM anywhere) for demonstrating this network concept is briefly outlined. (9 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; broadband networks; cellular radio; computer network management; computer network reliability; data communication; LAN interconnection; land mobile radio; multimedia communication; private telephone exchanges; telecommunication network routing; wireless LAN

Identifiers: BAHAMA; broadband ad-hoc wireless ATM local-area network; theory; design; prototyping; LAN; PBX; mobile users; software architectures; portable base stations; microcell coverage; hardware; arbitrary topology; links; error control; laptops; notebook computers; data applications; multimedia applications; internetworking; wireless VP/VC concept; homing algorithm

Class Codes: B6210L (Computer communications); B6150C (Communication switching); B6210R (Multimedia communications); B6210C (Network management); B6250F (Mobile radio systems); C5620L (Local area networks)

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20/5/29 (Item 10 from file: 2)

DIALOG(R) File 2:INSPEC

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5159725 INSPEC Abstract Number: B9602-6250G-013

Title: SPACEWAY system summary

Author(s): Fitzpatrick, E.J.

Author Affiliation: Hughes Commun. Inc., Los Angeles, CA, USA

Journal: Space Communications vol.13, no.1 p.7-23

Publisher: IOS Press,

Publication Date: 1995 Country of Publication: Netherlands

CODEN: SPCCEJ ISSN: 0924-8625

SICI: 0924-8625(1995)13:1L:7:SSS;1-S

Material Identity Number: N535-95003

U.S. Copyright Clearance Center Code: 0924-8625/95/\$5.00

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: By the end of this decade, Hughes' SPACEWAY network will provide the first interactive 'bandwidth on demand' communication services for a variety of applications. High quality digital voice, interactive video, global access to multimedia databases, and transborder workgroup computing will make SPACEWAY an essential component of the computer-based workplace of the 21st century. With relatively few satellites to construct, insure, and launch; plus extensive use of cost-effective, tightly focused spot beams on the world's most populated areas; the high capacity SPACEWAY system can pass its significant cost savings onto its customers. The SPACEWAY network is different from other proposed global networks in

that its geostationary orbit location makes it a truly market driven system: each satellite will make available extensive telecommunication services to hundreds of millions of people within the continuous view of that satellite, providing immediate capacity within a specific region of the world. (1 Refs)

Subfile: B

Descriptors: database management systems; digital radio; groupware; interactive systems; interactive video; multimedia communication; satellite communication; telecommunication services; voice communication

Identifiers: SPACEWAY system; Hughes` SPACEWAY network; interactive bandwidth on demand communication services; quality digital voice; interactive video; global access; multimedia databases; transborder workgroup computing; computer-based workplace; tightly focused spot beams; cost savings; geostationary orbit; telecommunication services

Class Codes: B6250G (Satellite relay systems); B6210 (Telecommunication applications)

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20/5/30 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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4978880 INSPEC Abstract Number: C9508-7445-021

**Title: PLEIADES - Using transport technology to link Britain and France**

Author(s): Hoffman, S.

Author Affiliation: Automobile Assoc., Basingstoke, UK

p.92-5

Publisher: IEEE, New York, NY, USA

Publication Date: 1993 Country of Publication: USA viii+832 pp.

ISBN: 0 7803 1235 X

U.S. Copyright Clearance Center Code: 0 7803 1235 X/93/\$3.00

Conference Title: Proceedings of VNIS '93 - Vehicle Navigation and Information Systems Conference

Conference Date: 12-15 Oct. 1993 Conference Location: Ottawa, Ont., Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The PLEIADES project harnesses the experience of organizations in France, the United Kingdom and Belgium to apply information technology in the Paris-London-Belgium corridor. PLEIADES will operate and evaluate field trials of Radar Data System - Traffic Message Channel (RDS-TMC), trip-planning, paging, audiotex, vehicle navigation and variable message signs. These trials will help to determine the effectiveness of these technologies in travel and traffic information and integrated interurban traffic management applications. The PLEIADES trials will give operators in three countries the chance to see how best to adapt their existing software and systems to these new technologies. They will also show how to overcome the practical problems of sharing data in standard formats among government authorities, and private commercial organizations within each country and across the slowly-disappearing borders of EC member states. (0 Refs)

Subfile: C

Descriptors: driver information systems; electronic data interchange; navigation; radio data systems; traffic information systems

Identifiers: PLEIADES; transport technology; information technology; Paris-London-Belgium corridor; Radar Data System; Traffic Message Channel; RDS-TMC; trip-planning; paging; audiotex; vehicle navigation; variable message signs; traffic information; interurban traffic management; standard formats; government authorities

Class Codes: C7445 (Traffic engineering computing)

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20/5/31 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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03880274 INSPEC Abstract Number: B91034648, C91034468

**Title: Autotran (audio-visual control system)**

Author(s): Randall, P.; Rutter, P.

Journal: International Broadcast Engineer vol.22, no.242 p.30-1

Publication Date: Jan. 1991 Country of Publication: UK

CODEN: IBREBP ISSN: 0020-6229

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Product Review (R)

Abstract: Autotran is a PC-based control system suitable for sound and vision applications and perhaps can be best described as 'process control' applied to broadcast and commercial video and audio engineering operations. One application is the automatic playout of commercials. Autotran can also play a valuable role for the radio broadcaster as well as the television station. (0 Refs)

Subfile: B C

Descriptors: audio-visual systems; control systems; microcomputer applications; **television broadcasting**; video equipment

Identifiers: Autotran; PC-based control system; process control; video; audio; automatic playout of **commercials**; **radio broadcaster**; **television station**

Class Codes: B6430 (Television equipment, systems and applications); C3370P (Video and sound recording); C7410F (Communications); C3210P (Control systems)

20/5/32 (Item 13 from file: 2)

DIALOG(R) File 2:INSPEC

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03637528 INSPEC Abstract Number: A90070815, B90041213, C90036571

**Title: A portable ionosonde in support of reliable communications**

Author(s): Haines, D.M.; Kitrosser, D.F.; Reinisch, B.W.; Gorman, F.J.

Author Affiliation: Center for Atmos. Res., Lowell Univ., MA, USA

Conference Title: AGARD Conference Proceedings No.453. Operational Decision Aids for Exploiting or Mitigating Electromagnetic Propagation Effects (AGARD-CP-453) p.32/1-8

Publisher: AGARD, Neuilly sur Seine, France

Publication Date: 1989 Country of Publication: France ix+483 pp.

Conference Date: 15-19 May 1989 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: The University of Lowell Center for Atmospheric Research, in cooperation with the US Army Communications-Electronics Command, has produced a low power miniature version of its Digisonde sounders capable of making real-time on-site measurements to support communications of surveillance operations. The system compensates for a low power transmitter by employing intrapulse phase coding, digital pulse compression and Doppler integration. The data acquisition, control, signal processing, display, storage and automatic data analysis functions have all been condensed into a single multi-tasking, multiple processor computer system while the analog circuitry has been condensed and simplified by use of reduced transmitter power, wideband devices, and commercially available PC expansion boards. Noteworthy new technology involved in this system is listed, and results of a two-day continuous test are summarised. (13 Refs)

Subfile: A B C

Descriptors: computerised instrumentation; ionospheric measuring apparatus; multiprocessing systems; radiocommunication; real-time systems

Identifiers: multitasking computer system; portable ionosonde; Digisonde; real-time on-site measurements; low power transmitter; intrapulse phase coding; digital pulse compression; Doppler integration; multiple processor computer system

Class Codes: A9480 (Instrumentation and techniques for aeronomy and cosmic ray studies); A9420Z (Ionospheric soundings); B7710B (Atmospheric and ionospheric measurement techniques and equipment); B5210C (Radiowave propagation); B6250 (Radio links and equipment); B7210B (Automatic test and measurement systems); C7340 (Geophysics); C7410H (Instrumentation)

20/5/33 (Item 14 from file: 2)

DIALOG(R) File 2:INSPEC

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03633587 INSPEC Abstract Number: B90042280, C90032941

**Title: Mazda Car Communication System**

Author(s): Kakihara, M.

Journal: Systems, Control and Information vol.33, no.7 p.355-62

Publication Date: July 1989 Country of Publication: Japan

CODEN: SSEJE3 ISSN: 0916-1600

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The Mazda Car Communication System, CCS, is a system to select information, whenever necessary, with simple operation and in easy-to-see **display** using various communication media. To make the system compact enough for mounting in a car, **display**, operation, **control** and memory are integrated in a single unit. A multiband antenna is used to cover all frequency bands. The first version, CCS-I, expected to be **commercialized** soon, consists of an **audio** -visual system (CD, FM/AM, TV, VTR and **audio control**), an air conditioner controller and navigational features. An hierarchical function key structure has reduced the number of keys from 143 to 33, thus improving ease of use. **Radiowave** navigation via GPS satellite ensures positional accuracy of about 30 m, except in tunnels, under viaducts and between high-rise buildings. Geomagnetic interpolation is used when satellite communications do not work well. CCS-III offers, additionally, a traffic information system, AMTICS, car telephone and DAT. (5 Refs)

Subfile: B C

Descriptors: automotive electronics; computerised navigation; radio data systems; road traffic; traffic computer control

Identifiers: radiowave navigation; geomagnetic interpolation; Mazda Car Communication System; communication media; multiband antenna; CCS-I; audio-visual system; air conditioner controller; navigational features; hierarchical function key structure; GPS satellite; CCS-III; AMTICS; car telephone; DAT

Class Codes: B8520B (Automobile electronics); B6420 (Radio and television broadcasting); C3360B (Road-traffic systems); C7420 (Control engineering)

20/5/34 (Item 15 from file: 2)

DIALOG(R) File 2:INSPEC

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03158256 INSPEC Abstract Number: A88072769, B88043464, C88034335

**Title: Mobile robot vehicles for physical security**

Author(s): McGovern, D.E.

Author Affiliation: Sandia Nat. Labs., Albuquerque, NM, USA

Conference Title: INMM 28th Annual Meeting 'Safeguards - A Mature Technology?' p.306-9

Publisher: Inst. Nucl. Mater. Manage, Northbrook, IL, USA

Publication Date: 1987 Country of Publication: USA 776 pp.

Conference Date: 12-15 July 1987 Conference Location: Newport Beach, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A fleet of vehicles is being developed and maintained by Sandia National Labs., for studies in remote control and autonomous operation. These vehicles range from modified **commercial** vehicles to specially constructed mobile platforms and are utilized as test beds for developing concepts in the application of robotics to interior and exterior speed, brakes, and steering through manual input from a remote driving station or through some level of digital computer control. On-board processing may include simple vehicle control functions or may allow for unmanned, autonomous operation. Communication links are provided for digital communication between **control computers**, **television transmission** for vehicle vision, and **voice** for local **control**. With these vehicles,

SNL can develop, test, and evaluate sensors, processing requirements, various methods of actual implementation, operator controlled feedback requirements, and vehicle operations. A description of the major features and uses for each of the vehicles in the fleet is provided. (4 Refs)

Subfile: A B C

Descriptors: nuclear materials safeguards; robots; vehicles

Identifiers: mobile robot vehicles; Sandia Interior Robot; Jeep Cherokee; Navair Mobile Land Target; Honda Fourtrax, Tamiya Mobile Platform; Sandia Test Bed Vehicle; HMMWV; Suzuki LT50; security

Class Codes: A2846 (Nuclear materials safeguards); B8520 (Transportation); C3390 (Robotics); C3395 (Other applications of control)

20/5/35 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02477540 INSPEC Abstract Number: C85034293

Title: A radiotherapy department computer database

Author(s): Curley, R.F.; Smith, T.J.

Author Affiliation: Dept. of Radiat. Therapy, Pennsylvania Univ., Philadelphia, PA, USA

Conference Title: Proceedings of the Eighth International Conference on the Use of Computers in Radiation Therapy (Cat. No. 84CH2048-7) p.501-5

Publisher: IEEE Comput. Soc. Press, Silver Spring, MD, USA

Publication Date: 1984 Country of Publication: USA xiv+561 pp.

ISBN: 0 8186 0559 6

U.S. Copyright Clearance Center Code: CH2048-7/84/0000-0501\$01.00

Conference Sponsor: IEEE

Conference Date: 9-12 July 1984 Conference Location: Toronto, Ont., Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The first components of a new computer -based patient information management program are running in the authors' department using DBMS-11, a commercial database management system for the DEC PDP-11/70. They have reduced the impedance of the user/computer interface in identifying a patient and giving a data: 'Last Name, First', spelled correctly, gets the record. 'Last Name' or 'Last Name, First Initial' gets a screen of matching records to select from. Next, trying one of two 'sound -alike' schemes, it produces a screen of names to select from. Finally, it consults an internal table of sound -alike but spelled-differently names and displays those. Another innovation is the date query, which accepts relative dates as well as several conventional absolute date formats with defaults. The place of commercial DBMS packages as applied to radiotherapy and actual performance measurements is also discussed. (4 Refs)

Subfile: C

Descriptors: database management systems; medical administrative data processing; radiation therapy

Identifiers: radiotherapy department computer database; computer-based patient information management program; DBMS-11; DEC PDP-11/70; names; dates

Class Codes: C7140 (Medical administration)

20/5/36 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02341878 INSPEC Abstract Number: B84060188, C84050348

Title: Research and development of a superimposing device for general pattern information and word processor applications

Author(s): Takahashi, H.; Nishikawa, S.

Author Affiliation: Nat. Lab. for High Energy Phys., Ibaraki, Japan

Journal: Journal of the Institute of Television Engineers of Japan vol.38, no.1 p.72-5

Publication Date: Jan. 1984 Country of Publication: Japan

CODEN: JIJTA7 ISSN: 0386-831

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: A pattern information synthesis system is described which converts word processor or minicomputer output signals into NTSC video signals for image edition and synthesis of video equipment. The system consists of a dot pattern information generator, buffer memory, **control computer**, pattern generator controller, and monitor **display** or recording unit. The system can be assembled from **commercially** available devices. Its applications include: character information synthesis for character **broadcast**, information recording on video tape, public character information service, and **audiovisual** education. (1 Refs)

Subfile: B C B

Descriptors: computerised pattern recognition; computerised picture processing; word processing

Identifiers: image synthesis; video tape recording; word processor; pattern information synthesis system; minicomputer; NTSC video signals; image edition; video equipment; dot pattern information generator; buffer memory; control computer; pattern generator controller; monitor display; recording unit; character information synthesis; character broadcast; public character information service; audiovisual education

Class Codes: B6140C (Optical information processing); C5530 (Pattern recognition equipment); C7100 (Business and administration); C7410F (Communications); B6430 (Television equipment, systems and applications)

20/5/37 (Item 18 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

01306768 INSPEC Abstract Number: B79009876, C79007905

**Title: The recording of sequential spot tapes in the South African Broadcasting Corporation**

Author(s): Bartel, H.P.

Conference Title: International Broadcasting Convention p.180-3

Publisher: IEE, London, UK

Publication Date: 1978 Country of Publication: UK xx+344 pp.

Conference Sponsor: IEE; et al

Conference Date: 25-29 Sept. 1978 Conference Location: Wembley, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Describes a system for automatically recording the **spots** in the correct sequence for daily **broadcast**. The **spots** can be **retrieved** according to a predetermined schedule under **computer control**. (0 Refs)

Subfile: B C

Descriptors: **audio** recording; **computerised control**

Identifiers: sequential spot tapes; **computer control**; commercials; **television broadcasting**; **television** programmes

Class Codes: B6430H (Video recording); C7410F (Communications)

20/5/38 (Item 19 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

00362613 INSPEC Abstract Number: B72010673

**Title: Picturephone service**

Author(s): Stokes, R.R.

Author Affiliation: Bell Telephone Labs., Holmdel, NJ, USA

Conference Title: Proceedings two day seminar on novel audio-visual imaging systems p.84-6

Editor(s): Berkowitz, G.

Publisher: Soc. Photographic Scientists and Engrs, Washington, DC, USA

Publication Date: 1971 Country of Publication: USA vi+109 pp.

Conference Sponsor: Soc. Photographic Scientists and Engrs

Conference Date: 23-24 Sept. 1971 Conference Location: New York, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Picturephone service was designed to provide a face-to-face visual adjunct to enhance **audio** telephony and extend communication realism. As a by-product, the system can accommodate a variety of special applications such as moderate **computer** access and graphics **transmission**. With these features the service was offered first to the business community on a fully connected or intercom basis. **Commercial** service was inaugurated in the United States by the Bell System in July 1970. The station apparatus consists of five assemblies. The (1) **display** and (2) **control** units are designed for desk top use with (3) any 12-button TOUCH-TONE telephone set; the (4) service unit and (5) Speakerphone **Control** Unit can be mounted remotely up to 85 feet.

Subfile: B

Descriptors: telephone systems; television systems

Identifiers: video recording; computer graphics; Picturephone service

Class Codes: B6210D (Telephony); B6430 (Television equipment, systems and applications)

20/5/39 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00471863 97CW09-115

**Sounding the alarm -- From stalking Barnes & Noble to advertising on the Howard Stern show, hiring managers are near panic in their search for IS talent**

Vitiello, Jill

Computerworld , September 8, 1997 , v31 n36 p101, 1 Page(s)

ISSN: 0010-4841

Company Name: Price Waterhouse; Bluestone Software

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

REGIONAL SCOPE: PHILADELPHIA, SOUTHERN NEW JERSEY column discusses the problems that hiring **managers** and human resources recruiters are having in attracting IS professionals to jobs in Philadelphia and southern New Jersey. Reports that they are using unusual techniques to find and hire professionals. Focuses on the efforts by Price Waterhouse LLP in Philadelphia, and their "creative recruiting" efforts to attract SAP professionals, including the hiring of a search firm to find candidates. Also mentions efforts by Bluestone Software Inc. of Mt. Laurel, NJ, who **advertises** IS job openings on the Howard Stern **radio show** and attempts to lure recruits from the IS section of the local Barnes & Noble bookstore. Admits, however, that positions have been recently filled through the traditional method of newspaper **advertising**. Includes three photos. (kgh)

Descriptors: Employment; Job Opportunities; Corporate Strategy; Advertising; Human Resources

Identifiers: Price Waterhouse; Bluestone Software

20/5/40 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00465578 97NW07-009

**A commercial success -- Delivering commercials to multiple cable systems in a large metropolitan area sounds like a nightmare. Here's how Los Angeles...**

Kercheville, Jim

Network , July 1, 1997 , v12 n7 p107-111, 5 Page(s)

ISSN: 1069-5621

Company Name: Adlink

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States



Presents a case study of Adlink, which is defined as a cable television advertising interconnected company, and the Switched Multimegabit Data Service (SMDS) network that it uses to distribute advertisements to 20 cable companies at 57 playback sites. Explains that Adlink is connected with the cable systems via a computerized audio/video switching system, which allows Adlink control over the commercials. Compares this with the old, tape-based method that the service used. Reports that it requires less equipment and redundancy of recordings and offers improved performance and enhanced video quality. Explains that the new system is capable of simultaneous output of 20 video-on-demand channels from a single RAID system. Also discusses the future of Adlink's system, including some planned enhancements. Includes one case summary, two diagrams, and one sidebar. (kgh)

Descriptors: Cable TV ; Advertising ; Network Management; Audio Processing; Video Processing; Switches; Case Study  
Identifiers: Adlink

20/5/41 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00388313 95IW06-210

**Sports Illustrated's Swimsuit Edition makes waves on the Web**

Baum, David

InfoWorld , June 19, 1995 , v17 n25 p82, 1 Page(s)

ISSN: 0199-6649

Company Name: Sports Illustrated; Agency.com

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Presents a case report on how Agency.com Ltd. of New York, NY, got a Web site running on the World Wide Web for the Sports Illustrated Swimsuit Edition. Explains that the goals were to increase public awareness of the magazine and to advertise an upcoming television special on this issue of the magazine. Says Agency.com worked with original video footage from the swimsuit shoot, and the video was digitized, music was added, and the multimedia files were compressed to make them suitable for downloading in both QuickTime and .AVI formats. Adds that Agency.com wrote HTML files to tie the interactive content into a cohesive narrative and generated still photographs from the digitized video. Concludes that Sports Illustrated's editors are learning what is technically possible. Includes one photograph and one screen display. (LDS)

Descriptors: Web Management; Magazines; Television; Interactive Video ; Multimedia; Case Study; World Wide Web  
Identifiers: Sports Illustrated; Agency.com

20/5/42 (Item 4 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00188672 89IW03-302

**Turbocom communications program accommodates data, voices**

Tapanila, Glen; Bigley, Tom

InfoWorld , March 27, 1989 , v11 n13 p60, 1 Pages

ISSN: 0199-6649

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): b

Geographic Location: United States

Presents a favorable review of Turbocom (\$49), a file transfer utility program from Datran Corp, of Crescenta, CA (818). Says it works directly from the DOS prompt, multiple files can be sent at one time, wild cards can be used, voice contact is not necessary to file transfers, it compresses files before it sends them, has a send command which can take advantage of cheaper evening phone rates, and will not immediately overwrite an existing file; but the status bar showing file-transfer progress was not

Set	Items	Description
S1	51	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHEWS, D? OR JOVAN J? OR JOVAN, J?)
S2	120835	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	177362	BROADCAST? OR RADIO? OR TELEVISION? OR TV?
S4	647970	CONTROL? ? OR MANAGE? OR COMMAND?
S5	249746	COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR WORLD()W-IDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOMEPAGE? OR URL OR URLS OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE()LOCATOR? OR BROWSER? OR SOFTWARE?
S6	318268	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	831343	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SHOW? OR RETRIEV? OR FETCH?
S8	24	(VOICE? OR SOUND? OR AUDIO?) (3N) (CONTROL?) (3N) BROWSER?
S9	20	S1 AND S2 AND S3
S10	258	S2(S)S3(S)S4(S)S5(S)S6(S)S7
S11	30	S10 AND IC=G06F-017/60
S12	1604	S2(5N)S4(2N)S5
S13	18575	S6(5N)S7
S14	156	S12 AND S13
S15	128	S3 AND S14
S16	14	S8 AND S3
S17	5	S9 AND IC=G06F-017/60
S18	49	S11 OR S16 OR S17
S19	41	S18 AND IC=G06F-017?
S20	84468	S4(10N) (S5 OR S2)
S21	38	S19 AND S20
S22	38	IDPAT (sorted in duplicate/non-duplicate order)
S23	38	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2001/Sep W02  
(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20011004,UT=20010927  
(c) 2001 WIPO/Univentio

23/5/1 (Item 1 from e: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00925979

User interface for controlling audio functions in a web browser  
Benutzerschnittstelle zur Steuerung von Audio-Funktionen in einem  
Web-Browser  
Interface utilisateur pour gerer les fonctions audios dans un browser de  
reseau

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 844572 A1 980527 (Basic)

APPLICATION (CC, No, Date): EP 97306925 970905;

PRIORITY (CC, No, Date): US 755237 961122

DESIGNATED STATES: BE; DE; FR; GB; IT; LU; NL

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 844572 A1

Web browser software is implemented in a processing system housed in a  
set-top box connected to a **television** and communicating over a  
wide-area network with one or more servers. The **browser** allows a user  
to use a remote **control** device to navigate between hypertext anchors in  
**World -Wide Web** pages displayed on the **television**. User inputs are  
entered from the remote control device using an infrared IR link in order  
to move a selection between hypertext anchors or various **control**  
buttons displayed on the **television** display. The **browser** is capable  
of downloading audio files from Web sites and generating sound through a  
speaker of the **television** set based on the audio files. Background  
music is generated during Web browsing based on audio files downloaded  
from one of the servers or audio files stored in memory in the set-top  
box. A background music audio file from a server can be downloaded while  
another background music audio file is played. An audio panel can be  
displayed when an audio file from a Web site is downloaded and played to  
form a user interface by which the user to play, stop, pause, rewind, or  
fast-forward the audio file.

ABSTRACT WORD COUNT: 195

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980527 A1 Published application (A1with Search Report  
;A2without Search Report)

Change: 980610 A1 Inventor (change)

Examination: 990113 A1 Date of filing of request for examination:  
981117

Change: 990210 A1 Designated Contracting States (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9822	1885
SPEC A	(English)	9822	9082
Total word count - document A			10967
Total word count - document B			0
Total word count - documents A + B			10967

23/5/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00430199

**Automated order and payment system**  
**Automatisches Bestellungs- und Bezahlungssystem**  
**Systeme automatique de commande et de paiement**

PATENT ASSIGNEE:

VISA INTERNATIONAL SERVICE ASSOCIATION, (2014320), Post Office Box 8999,  
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LEGAL REPRESENTATIVE:

Carpmael, John William Maurice et al (29161), CARPMAELS & RANSFORD 43  
Bloomsbury Square, London, WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 446500 A1 910918 (Basic)  
EP 446500 B1 990414

APPLICATION (CC, No, Date): EP 90302004 900226;

PRIORITY (CC, No, Date): EP 90302004 900226

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-007/00; G07G-001/00

CITED PATENTS (EP A): US 4567359 A

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 25, no. 11B, April 1983, pages  
5892-5893, Armonk, New York, US; S.N. ZILLES: "Catalog-based order  
entry system"

IDEM

AFIPS CONFERENCE PROCEEDINGS, 1978 NATIONAL COMPUTER CONFERENCE, Anaheim,  
CA, 5th - 8th June 1978, pages 217-221, AFIPS Press, NJ, US; D.G.

KOVAR: "The future of special purpose terminals";

ABSTRACT EP 446500 A1

An automated order and payment system for use by consumers to rapidly order products and services from any location at which the consumer is present at the time of ordering. The system receives information about the products/services to be ordered by means of signals generated by scanning identification codes imprinted in **advertising** media or **displayed** to a consumer on a **television** screen. A special version of the invention is modified to accept **voice command** via a **voice** recognition means for those physically handicapped persons unable to perform manual data entry tasks. The consumer uses an optical scanning means embodied in a **Order Computer Terminal** to scan the identification code associated with a company and identification codes associated with the products/services desired. This product and company information is stored in the **Order Computer Terminal** along with credit information **retrieved** from a plurality of storage means used on credit cards and subsequently transmitted when desired by the consumer to a **Central Computer System**. The **Central Computer System** simultaneously receives information from multiple order **computer** terminals and verifies that the products or services from the desired company are in fact available. The **Central Computer System** also verifies the credit worthiness of the consumer by searching for such information from credit data bases. When the **Central Computer System** determines that the desired products/services are available and that the consumer is credit worthy, an order verification signal is sent to the individual consumer's order **computer** terminal whereupon the consumer verifies that he/she wishes to order the products/services communicated to the central **computer** system. Once the consumer verifies the order, the automated order and payment system places the order for the products/services desired and provides the appropriate credit reference to the supplier of the product/service. The automated order and payment system capabilities are more fully set forth herein. (see image in original document)

ABSTRACT WORD COUNT: 310

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 000607 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19990414,

Oppn None: 20000405 B1 No opposition filed: 20000115

Lapse: 001227 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19990414, BE 19990414, CH 19990414, LI 19990414,

Lapse: 000614 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19990414, BE 19990414,

Lapse: 001213 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19990414, BE 19990414, CH 19990720, LI 19990720,

Application: 910918 A1 Published application (A1with Search Report ;A2without Search Report)

Examination: 920506 A1 Date of filing of request for examination: 920313

Examination: 941019 A1 Date of despatch of first examination report: 940902

\*Assignee: 951018 A1 Applicant (transfer of rights) (change): VISA INTERNATIONAL, Inc. (2014320) Post Office Box 8999 San Francisco California 94128-9999 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

Change: 951018 A1 Inventor (change)

\*Assignee: 951018 A1 Previous applicant in case of transfer of rights (change): Gorog, Jonathan M. (1202710) 8000 Towers Crescent Drive, Suite 1207 Vienna, Virginia 22180 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

Change: 980610 A1 International patent classification (change)

Change: 980610 A1 Obligatory supplementary classification (change)

Change: 980610 A1 Title of invention (German) (change)

\*Assignee: 980610 A1 Applicant (name, address) (change)

Grant: 990414 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9915	854
CLAIMS B	(German)	9915	821
CLAIMS B	(French)	9915	1025
SPEC B	(English)	9915	4628
Total word count - document A			0
Total word count - document B			7328
Total word count - documents A + B			7328

23/5/3 (Item 3 from file: 349)  
 DIALOG(R)File 349:PCT Fulltext  
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00822281 \*\*Image available\*\*

**CENTRALIZED PROCESSING OF DIGITAL SPEECH DATA ORIGINATED AT THE NETWORK CLIENTS OF A SET OF SERVERS**

**TRAITEMENT CENTRALISE DE DONNEES VOCALES NUMERIQUES MIS EN OEUVRE CHEZ LES CLIENTS D'UN RESEAU D'UN ENSEMBLE DE SERVEURS**

Patent Applicant/Assignee:  
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Inventor(s):  
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Legal Representative:

BINGHAM Marcel (et al) (agent), Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155914 A1 20010802 (WO 0155914)

Application: WO 2001US375 20010104 (PCT/WO US0100375)

Priority Application: US 2000178072 20000125; US 2000535061 20000323

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G10L-015/26

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6532

English Abstract

Described herein is a system that enables service providers to integrate speech functionality into their applications. A service provider maintains a set of application servers (112). To provide a particular speech service to a client (114) of the application server, the application server causes the client to request the speech service from another set of servers (120). This set of servers is responsible for providing this speech service as well as others. Such speech services include recording digital speech data at the client, and storing the recordings. Later, the application servers may retrieve the recordings, and even more, retrieve data derived from the recordings, such as data generated through speech recognition processes.

French Abstract

La presente invention concerne un systeme qui permet a des fournisseurs de service d'integrer une fonctionnalite vocale dans leurs applications. Un fournisseur de service accueille un ensemble de serveurs (112) d'application. Aux fins d'offrir un service vocal particulier a un client (114) du serveur d'application, ce serveur d'application induit le client a demander ce service vocal a un autre ensemble de serveurs (120). Cet ensemble de serveurs sont a meme d'offrir ce service vocal de meme que d'autres services. Ces services vocaux comprennent l'enregistrement de donnees vocales numeriques chez le client, et le stockage de ces enregistrements. Plus tard, ces serveurs d'application peuvent localiser ces enregistrements, voire localiser des donnees issues de ces enregistrements, telles que des donnees generees par des processus de reconnaissance vocale.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

23/5/4 (Item 4 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00818658 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR PROVIDING A DISTRIBUTED MARKETING PRESENTATION  
SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UNE PRESENTATION COMMERCIALE  
DISTRIBUEE**

Patent Applicant/Assignee:

ANNUNCIO SOFTWARE, 2440 West El Camino Real, Suite 300, Mountain View, CA

94040, US, US (Residence), US (Nationality)

Inventor(s):

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ZHU Victor S, 10 Mulberry Court #7, Belmont, CA 94002, US,  
LI Yang, 46728 Crawford Street, #12, Fremont, CA 94539, US,

Legal Representative:

YI Susan C (agent), Ritter, Van Pelt & Yi LLP, 4906 El Camino Real, Suite  
205, Los Altos, CA 94022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200152165 A1 20010719 (WO 0152165)  
Application: WO 2001US525 20010108 (PCT/WO US0100525)  
Priority Application: US 2000175869 20000112; US 2000483388 20000113; US  
2000483175 20000113

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8435

English Abstract

According to an embodiment of the present invention, a web page (1406) can be dynamically created by a non-technical person. A technical person can set up a web page and incorporate marketing object containers (1406). A non-technical person, such as a marketing person, then decides what marketing object to put into the various marketing containers (1404). Style templates, marketing campaigns, and various items associated with the campaigns may be used to create or change the web page. According to an embodiment of the present invention, these marketing object containers may be dynamically associated with different marketing object at different times.

French Abstract

L'invention concerne, dans un mode de realisation, une page Web (1406) qui peut etre creee dynamiquement par une personne non specialisee. Une personne specialisee peut creer une page Web et y incorporer des espaces consacres aux objets de commercialisation (1406). Une personne non specialisee, telle qu'une personne responsable de commercialisation, decide ensuite quel objet de commercialisation mettre dans les divers espaces consacres aux objets de commercialisation (1404). Des modeles de style, des campagnes commerciales et divers articles associes aux campagnes peuvent etre utilises pour creer ou modifier la page Web. Selon un mode de realisation, ces espaces consacres aux objets de commercialisation peuvent etre dynamiquement associes a differents objets de commercialisation a differents moments.

Legal Status (Type, Date, Text)

Publication 20010719 A1 With international search report.

Publication 20010719 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

23/5/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00818644      \*\*Image available\*\*

**A METHOD OF PRODUCT PROMOTION**

**PROCEDE DE PROMOTION DE PRODUITS**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200152149 A2 20010719 (WO 0152149)

Application: WO 2001US1089 20010112 (PCT/WO US0101089)

Priority Application: US 2000483487 20000114

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16598

**English Abstract**

A method of promoting a product. A user at a user location (100) is induced to obtain a first product having a unique ID from a first vendor to win a prize. The user registers the product via a user computer (102) connected on-line to a central registration server (108) across a packet-switched network (104) by completing a user profile and transmitting the user profile and unique ID to a central registration server (108) having a profile database stored on a profile database unit (110). Promoting the product in conjunction with an event at an event location (114), and in response to a triggering event occurring during the event, a tone control system (117) causes a tone signal to be transmitted in the broadcast signal using a broadcast system (116). The tone signal is coupled to the user computer (102) and decoded to enable the computer (102) to automatically connect to a web server having a prize-winning phrase containing advertisement of the second product. A unique ID is then arbitrarily selected, and used to perform a matching operation on the user profile database of the profile database unit (110) using an event computer (118), in order to obtain the associated telephone number of the user. A call is then placed to the user with an event handset (122) over a PSTN (124) to a viewer handset (126). The user is then prompted for the prize-winning phrase. If correct, the user is awarded the prize.

**French Abstract**

L'invention concerne un procede concu pour promouvoir un produit. Sur un site utilisateur (100), l'utilisateur est sollicite pour obtenir un premier produit ayant une identite unique aupres d'un premier vendeur en vue de gagner un prix. L'utilisateur enregistre le produit, par le biais d'un ordinateur (102) utilisateur relie en ligne a un serveur (108) central d'enregistrement au sein d'un reseau (104) a commutation par paquets, en remplissant un profil utilisateur et en transmettant ledit profil et l'identite unique a un serveur (108) central d'enregistrement disposant d'une base de donnees de profil memorisee sur une unite (110) de base de donnees de profil. Lors de la promotion du produit, conjointement avec un evenement sur un site d'evenement (114), et en reponse a un evenement declenchant survenant pendant ledit evenement, un



systeme de commande de qualite (117) produit un signal sonore qui sera emis sur le signal de diffusion utilisant un systeme de diffusion (116). Le signal sonore est couple a l'ordinateur (102) utilisateur et decode afin de permettre a l'ordinateur (102) de se connecter automatiquement a un serveur web possedant la phrase gagnante du prix contenant l'annonce publicitaire du second produit. Une identite unique est alors arbitrairement choisie et utilisee pour executer une operation de concordance sur la base de donnees de profil utilisateur de l'unite (110) de base de donnees de profil au moyen de l'ordinateur evenement (118), le but etant d'obtenir le numero de telephone associe de l'utilisateur. Un appel est alors lance a l'utilisateur au moyen d'un combine evenementiel sur un RTPC (124) vers un appareil de visualisation (126). L'utilisateur est ensuite sollicite pour la phrase gagnante du prix. Si la phrase est correcte, l'utilisateur recoit le prix en recompense.

Legal Status (Type, Date, Text)

Publication 20010719 A2 Without international search report and to be republished upon receipt of that report.

23/5/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00817662

**METHOD FOR PROVIDING A FREE CONNECTION FOR AN INTERNET APPLIANCE**

**PROCEDE POUR FOURNIR UNE CONNEXION GRATUITE A UN DISPOSITIF INTERNET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200150369 A2 20010712 (WO 0150369)

Application: WO 2000US16429 20000614 (PCT/WO US0016429)

Priority Application: US 2000478050 20000105

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

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Detailed Description

Claims

Fulltext Word Count: 3436

English Abstract

French Abstract

Legal Status (Type, Date, Text)

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Seaching Authority.

Examination 20010913 Request for preliminary examination prior to end of  
19th month from priority date

23/5/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00816831 \*\*Image available\*\*

METHOD FOR GENERATING REVENUE BY SUBSTITUTING COMMERCIALS IN AN INTERNET  
RADIO BROADCASTING SYSTEM

PROCEDE PERMETTANT DE GENERER DES REVENUS PAR DES PUBLICITES DE  
SUBSTITUTION DANS UN SYSTEME INTERNET DE RADIODIFFUSION

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200150368 A1 20010712 (WO 0150368)

Application: WO 2000US16345 20000614 (PCT/WO US0016345)

Priority Application: US 2000477958 20000105

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: H04H-007/00; H04H-001/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7057

English Abstract

An Internet Service Provider or Internet Hosting Service is enabled to  
provide a free Internet connection to a user of an Internet Radio System  
by generating revenue through sale of advertising for delivery to the  
user. The Internet Hosting Service cooperates with one or more radio  
stations broadcasting their content on the Internet, and one or more  
advertisers and Internet Service Providers, to generate revenue by  
substituting replacement audible commercials for those originally  
broadcast. Revenue through delivery of the replacement commercials  
enables the Internet Hosting Service to provide a free Internet  
connection to the user.

French Abstract

Un fournisseur de services Internet ou un service d'hébergement Internet  
peut offrir gratuitement une connexion Internet à un utilisateur de  
système de radio sur l'Internet en générant des revenus par la vente de  
publicités présentées à l'utilisateur. Le service d'hébergement Internet  
coopère avec une ou plusieurs stations de radio qui diffusent leurs  
programmes sur l'Internet, et avec un ou plusieurs annonceurs et

fournisseurs de service Internet, de façon à générer des revenus par la substitution de publicités audibles de remplacement à la place de celles qui sont diffusées à l'origine. Les revenus générés par la distribution de ces publicités de remplacement permettent au service d'hébergement Internet d'offrir gratuitement la connexion à l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20010712 A1 With international search report.

Examination 20011004 Request for preliminary examination prior to end of 19th month from priority date

23/5/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00815094 \*\*Image available\*\*

REMOVAL STORAGE MEDIUM, METHOD AND SYSTEM FOR ENABLING THE PURCHASE OF INFORMATION OR THE CONNECTION TO A SERVICE PROVIDER

SUPPORT D'ENREGISTREMENT AMOVIBLE, SYSTEME ET PROCEDE FACILITANT L'ACHAT DES INFORMATIONS OU LA CONNEXION A UN FOURNISSEUR DE SERVICES

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YOKOTA Eiji, Kabushiki Kaisha Optrom, 27, Kamiyashi-azamatsubara, Aoba-ku, Sendai-shi, Miyagi 989-3124, JP,  
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KOBAYASHI Yoshimitsu, Mitsubishi Chemical Corporation, 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, JP,

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200148647 A1 20010705 (WO 0148647)  
Application: WO 2000JP9304 20001227 (PCT/WO JP0009304)  
Priority Application: JP 99375142 19991228

Designated States: CN KR

(EP) DE FR GB

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6232

English Abstract

The invention provides an information management method in an information processing system including a network, comprising the steps of, when connecting a removable storage medium having a program storage area storing programs and an information storage area storing information, to an information processing unit on the network, selectively displaying header thumbnail images corresponding to commercial information such as images, music, voice and documents stored by the storage medium by operating programs stored in the storage medium; and calling and displaying of corresponding commercial information and/or purchase of information corresponding to the commercial information, and/or connection to, or registration of, a service provider on the network corresponding to the commercial information, in accordance with selection

and instruction of thumb 11 images desired by the operator.

#### French Abstract

L'invention porte sur un procede de gestion d'informations dans un systeme de traitement d'informations comprenant un reseau. Ce procede consiste a, lors de la connexion a une unite de traitement d'informations du reseau d'un support d'enregistrement amovible possedant une zone de stockage de programmes, stocker des programmes, et dans une zone de traitement d'informations, stocker des informations ; afficher selectivement des images d'en-tete de la taille de l'ongle du pouce correspondant a des informations commerciales telles que images, musique, voix et documents stockes dans le support d'enregistrement en actionnant des programmes; et appeler et afficher des informations commerciales correspondantes et/ou l'achat d'informations correspondant a des informations commerciales, et/ou la connexion a un fournisseur de services sur le reseau correspondant a des informations commerciales, conformement a la selection et a l'instruction d'images de la taille de l'ongle du pouce desirees par l'operateur.

#### Legal Status (Type, Date, Text)

Publication 20010705 A1 With international search report.

Publication 20010705 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

23/5/9 (Item 9 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00794328 \*\*Image available\*\*

**CONFIGURABLE ADVERTISING IN A WIRELESS COMMUNICATION NETWORK**

**PUBLICITE CONFIGURABLE DANS UN RESEAU DE COMMUNICATION SANS FIL**

Patent Applicant/Assignee:

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Legal Representative:

KING John J (et al) (agent), Motorola Inc., Intellectual Property Dept.,  
1303 East Algonquin Road, Schaumburg, IL 60196, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200127829 A1 20010419 (WO 0127829)

Application: WO 2000US27537 20001005 (PCT/WO US0027537)

Priority Application: US 99414120 19991008

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DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: G06F-013/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10631

#### English Abstract

An internet radio (20) for portable applications and uses such as in an automobile (184) allows access to a host of audio, visual and other

information (42). Normal radio channel function (160) is provided along with programmable content and channel selection, as well as automatic content and channel updating by location and style. Internet access (30) is also provided. Direct or targeted advertising (Fig. 2), as well as electronic commerce applications are supported. Connection to the Internet is through wireless communications (70). Programmability is achieved off-line via a web page and remote computer (40). Customized information is also communicated to the radio (20) such as stock quotes, travel information, advertising, and e-mail. Onboard global positioning (110) allows for channel updating by location, traffic information, geographic advertising and available similar content.

#### French Abstract

L'invention porte sur une radio (20) Internet prevue pour des applications et utilisations portables, par exemple, dans une automobile (184) et permettant d'avoir acces a un processeur central d'informations (42) audio, visuelles et autres. Cette radio possede une fonction (160) normale de canal hertzien avec un contenu programmable et une selection de canal, ainsi qu'une mise a jour automatique du contenu et du canal par localisation et style. Il est egalement possible d'acceder (30) a Internet, et de supporter une publicite (Fig. 2) directe ou ciblee, ainsi que des applications de commerce electronique. La connexion a Internet s'effectue par communications (70) hertziennes. La programmabilite s'effectue hors ligne via une page web et un ordinateur (40) distant. Des informations personnalisees sont egalement communiquees a la radio (20) telles que des citations de stocks, renseignements sur les voyages, publicite et courrier electronique. Le positionnement (110) global embarque permet la mise a jour des canaux par localisation, informations routieres, publicite geographique et contenu similaire disponible.

Legal Status (Type, Date, Text)

Publication 20010419 A1 With international search report.

23/5/10 (Item 10 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00790566 \*\*Image available\*\*

#### POSITIONING SYSTEM FOR PERCEPTION MANAGEMENT

#### SYSTEME DE POSITIONNEMENT POUR LA GESTION DE LA PERCEPTION

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200124056 A1 20010405 (WO 0124056)  
Application: WO 2000US26626 20000928 (PCT/WO US0026626)  
Priority Application: US 99407569 19990928

Designated States: AE AG AL AM AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK  
SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 18036

#### English Abstract

A method, apparatus and article of manufacture for a **computer**-implemented positioning system for perception **management**. On a **computer** system having one or more processors, perception **management** is performed using a plurality of visual representations stored in a database. The one or more processors and the database being coupled to the computer system. The representations include one or more particular visual representations as well as one or more other visual representations, each visual representation embodies cues, whereupon when viewed by humans, these related cues send signals that influence human behavior by synergistically triggering desired perceptions. Perception **management** is performed by outputting from the **computer** system to a user one or more of the particular visual representations on an output device coupled to the computer system. Classification information for the one or more outputted particular visual representations is received from the user using an input device coupled to the one or more processors in the computer system. The classification information received from the user for the one or more outputted particular visual representations is stored in the database. Then, by cross-referencing through access to the database the received classification information for one or more of the outputted particular visual representations with the classification information for one or more of the other visual representations, the received classification information for one or more of the plurality of visual representations is distilled in order to identify the related cues that influence human behavior.

#### French Abstract

L'invention concerne un procede, un appareil et un logiciel utilises dans un systeme de positionnement informatique afin de gerer la perception. Dans un systeme informatique possedant un ou plusieurs processeurs, la perception est geree grace a des representations visuelles stockees dans une base de donnees. Le ou les processeur(s) et la base de donnees etant couples au systeme informatique. Les representations comprennent une ou plusieurs representation(s) visuelle(s) particuliere(s), ainsi qu'une ou plusieurs autre(s) representation(s) visuelle(s). Chaque representation visuelle concretise des appels, lorsque ceux-ci sont vus par des etres humains, ces appels lies emettent des signaux qui influencent le comportement humain, declenchant en synergie les perceptions desirees. La gestion de la perception est realisee par la sortie, a partir du systeme informatique a un utilisateur d'une ou de plusieurs des representation(s) visuelle(s) particuliere(s) sur une unite de sortie couplee au systeme informatique. Les informations de classification correspondant a une ou plusieurs representation(s) visuelle(s) particuliere(s) sortie(s) sont recues de l'utilisateur qui se sert d'une unite d'entree couplee a un ou aux processeur(s) dans le systeme informatique. Les informations de classification recues de l'utilisateur pour une ou plusieurs des representation(s) visuelle(s) particuliere(s) sortie(s) sont stockees dans la base de donnees. Puis, par reference croisee en accedant a la base de donnees, les informations de classification recues pour une ou plusieurs representation(s) visuelle(s) particuliere(s) sortie(s) avec les informations de classification pour une ou plusieurs des autres representation(s) visuelle(s) particuliere(s), les informations de classification recues pour une ou plusieurs des representation(s) visuelle(s) sont distillees, afin d'identifier les appels lies qui influencent le comportement humain.

#### Legal Status (Type, Date, Text)

Publication 20010405 A1 With international search report.  
Publication 20010405 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010809 Request for preliminary examination prior to end of  
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DIALOG(R)File 349:PCT Fulltext  
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00789608

**INTERACTIVE PERSONAL INFORMATION SYSTEM AND METHOD**  
**SYSTEME D'INFORMATIONS INTERACTIF PERSONNEL ET PROCEDE CORRESPONDANT**

Patent Applicant/Inventor:

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(Residence), RU (Nationality)

Legal Representative:

OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU GORODISSKY I PARTNER  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200122310 A1 20010329 (WO 0122310)

Application: WO 2000RU379 20000921 (PCT/WO RU0000379)

Priority Application: RU 99119985 19990922; US 99158562 19991008; US  
2000603216 20000626

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 32297

**English Abstract**

The interactive personal information system and method delivers personalized information to users by having a publisher, or a multilevel structure of primary and secondary publishers, collect information items into at least one database for periodic delivery of collections of information items to users as personalized information. The collections are selected based on user profiles that are refined based on collecting and analyzing subjective responses from the users. The personalized information can be delivered in various formats and can include various interactive tools to increase its utility. Different levels of publishers can provide information items and response analysis to other publishers. Information items can be sought by publishers based on user requests and response analysis.

**French Abstract**

L'invention concerne un systeme d'informations interactif personnel et un procede correspondant, lesdits systeme et procede permettant de fournir aux utilisateurs des informations personnalisees grace a l'utilisation d'un dispositif d'edition, ou d'une structure d'editeurs primaire et secondaire a multiples niveaux, qui collectent des articles d'informations dans au moins une base de donnees destinee a fournir periodiquement aux utilisateurs des recueils d'informations se presentant comme des informations personnalisees. Les recueils sont selectionnes sur la base de profils perfectionnes d'utilisateurs, le perfectionnement des profils se faisant par la collecte et l'analyse des reponses subjectives provenant des utilisateurs. Les informations personnalisees peuvent etre soumises aux utilisateurs sous differents formats et peuvent comprendre divers outils interactifs permettant d'augmenter leur utilite. Differents niveaux de dispositifs d'edition peuvent fournir des articles

d'informations et des analyses de reponses aux autres dispositifs d'edition. Les articles d'informations peuvent etre recherches par les utilisateurs sur la base des demandes d'utilisateurs et l'analyse des reponses.

Legal Status (Type, Date, Text)

Publication 20010329 A1 With international search report.

Examination 20010823 Request for preliminary examination prior to end of 19th month from priority date

23/5/12 (Item 12 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00787038 \*\*Image available\*\*

SYSTEM AND METHOD FOR PROCESSING TOKENLESS BIOMETRIC ELECTRONIC TRANSMISSIONS USING AN ELECTRONIC RULE MODULE CLEARINGHOUSE

SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSMISSIONS ELECTRONIQUES BIOMETRIQUES SANS AUTHENTIFICATION PAR L'UTILISATION D'UN CENTRE DE MODULES DE REGLEMENT ELECTRONIQUES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200120531 A1 20010322 (WO 0120531)

Application: WO 2000US40910 20000915 (PCT/WO US0040910)

Priority Application: US 99398914 19990916

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 21206

English Abstract

Herein is described a tokenless biometric method for processing electronic transmissions, using at least one user biometric sample (62), an electronic identicator (12) and an electronic rule module clearinghouse (14). The steps for processing of the electronic transmissions comprise a user registration step, wherein a user registers with an electronic identicator (12) at least one registration biometric sample taken directly from the person of the user. A formation of a rule module (50) customized to the user in a rule module clearinghouse (14), wherein at least one pattern data (54) of a user is associated with at least one execution command (52) of the user. A user identification step, wherein the electronic identicator (12) compares a bid biometric sample taken directly from the person of the user with at least one previously registered biometric sample (24) for producing either a successful or failed identification of the user. In a command execution step, upon successful identification of the user, at least one previously designated rule module (50) of the user is invoked to execute at least one electronic transmission. The above-mentioned steps are conducted in a manner wherein a biometrically authorized electronic transmission is



conducted without the use of presenting any personalized machine made memory tokens such as smartcards or magnetic swipe cards.

#### French Abstract

La presente invention concerne un procede biometrique sans marque d'authentification permettant de traiter des transmissions electroniques par l'utilisation d'au moins un echantillon (62) biometrique d'un utilisateur, d'un identificateur (12) electronique et d'un centre a modules de reglement electroniques. Le traitement de ces transmissions electroniques comprend l'etape d'enregistrement de l'utilisateur, dans laquelle un utilisateur enregistre a l'aide d'un identificateur (12) electronique au moins un echantillon biometrique pris directement sur la personne de l'utilisateur. Ce traitement comprend aussi la formation d'un module (50) de reglement personnalise a l'utilisateur dans un centre (14) de modules de reglement ou l'on associe au moins une configuration de donnees (54) a au moins une commande (52) d'execution de l'utilisateur. Ce traitement comprend encore une etape d'identification de l'utilisateur, dans laquelle l'identificateur (12) electronique compare l'offre d'un echantillon biometrique directement pris sur la personne de l'utilisateur avec au moins un echantillon (24) biometrique enregistre auparavant de facon a obtenir soit un succes, soit un echec dans l'identification de cet utilisateur. Ce traitement comprend enfin une etape d'execution de commande: apres une identification reussie de l'utilisateur, on appelle au moins un module (50) de reglement designe prealablement de l'utilisateur de facon a executer au moins une transmission electronique. On conduit les etapes susmentionnees de facon qu'une transmission electronique biometrique autorisee soit mise en oeuvre sans que l'utilisateur n'ait a presenter une marque d'authentification fabriquees a memoire telles que les cartes a puce ou les cartes a balayage magnetique.

#### Legal Status (Type, Date, Text)

Publication 20010322 A1 With international search report.

Publication 20010322 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date

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DIALOG(R)File 349:PCT Fulltext

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00787016 \*\*Image available\*\*

#### METHOD AND SYSTEM FOR IMPLEMENTING AND BILLING WAP AND INTERNET SERVICES PROCEDE ET SYSTEME DE MISE EN OEUVRE ET DE FACTURATION DE SERVICES WAP ET INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200120506 A1 20010322 (WO 0120506)

Application: WO 2000FI775 20000914 (PCT/WO FI0000775)

Priority Application: FI 991958 19990915

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SP SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RO TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: H04M-011/08; G06F-151:00

Publication Language: English

Filing Language: Finnish

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20432

#### English Abstract

The invention relates to a method in a telecommunications system, in which at least one service provider provides services for at least one customer, in which method the customer is provided with both: 1) "Main services", in other words such services that the customer wishes to use, such as a banking service, e-mail service, etc., the scope of the main service also including a service subject to a charge, such as data transmission and calls; 2) "Side services", such as advertisements, that the customer does not actually select for use or even want to use, but by means of which the service provider gains some kind of benefit for itself, for example, through additional information or advertising. According to one preferred embodiment of the invention, when the customer activates a code/name, such as URL1, relating to a specific main service, such as a banking service, from a menu displayed on the terminal device (1), the terminal device (1) receives and displays to the user data, such as an advertisement/announcement/menu etc. of a side service, in such a way that the use of the main service dependent on reception of the side service and the customer is made to follow/read/receive side-service data. In return, the customer is provided with a free main service or one with a reduced charge. In a second embodiment of the invention, the customer should react, within a page/card/service-specific time-window, to data presented by the main service or side service, such as a selection, menus, etc., otherwise the call or data transmission is limited or terminated.

#### French Abstract

La presente invention concerne un procede dans un systeme de telecommunications, dans lequel au moins un fournisseur de services fournit des services a au moins un client. Dans ce procede, on fournit au client a la fois: 1) Des "services de base", en d'autres termes les services que le client souhaite utiliser, tels que les services bancaires, le service de courrier electronique, etc., les services de base comprenant egalement un service payant, tel que la transmission de donnees et les appels; 2) Des "services annexes", tels que les annonces publicitaires, que le client ne selectionne pas vraiment pour les utiliser ou ne desire meme utiliser, mais desquels le fournisseur de services tire un certain profit personnel, par exemple, a travers des informations ou des annonces publicitaires supplementaires. Selon un mode prefere de l'invention, lorsque le client active un code/nom, tel qu'un URL1, relatif a un service de base specifique, comme par exemple les services bancaires, sur un menu affiche sur le terminal (1), le terminal recoit et affiche pour l'utilisateur les donnees, comme par exemples une annonce publicitaire/un menu etc., d'un service annexe, de facon a ce que l'utilisation du service de base dependante de la reception du service annexe et du client soit adaptee pour suivre/lire/recevoir les donnees de service annexes. En retour, on fournit au client un service de base gratuit ou un service a taxe reduite. Dans un autre mode de realisation, le client doit reagir, dans une fenetre temporelle specifique au service/carte/page, a des donnees presentees par le service de base ou le service annexe, comme par exemple une selection, des menus, etc., sinon, l'appel ou la transmission de donnees est limitee ou terminee.

Legal Status (Type, Date, Text)

Publication 20010322 A1 With international search report.

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Examination 20010614 Request for preliminary examination prior to end of

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DIALOG(R)File 349:PCT Fulltext  
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00783262 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MANAGING PROJECTS**  
**SYSTEME ET PROCEDE DE GESTION DE PROJETS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116809 A1 20010308 (WO 0116809)  
Application: WO 2000US40715 20000822 (PCT/WO US0040715)  
Priority Application: US 99386026 19990830; US 99386027 19990830; US  
99385180 19990830; US 99385179 19990830

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9892

**English Abstract**

According to an embodiment of the present invention, projects involving multiple parties are collaborated through a service accessed via a network such as the Internet. For example, a print job (200) can be coordinated by having a buyer (204), a vendor (202), subvendors, and clients of the buyer access a server through the Internet wherein all individuals involved with the print job works with a single updated specification that is uniform for all individuals involved. Additionally, according to an embodiment of the present invention, the coordination of the project includes managing communications involved with the project.

**French Abstract**

Selon l'une des executions de la presente invention, des projets impliquant plusieurs parties sont elabores en collaboration par l'intermediaire d'un service auquel on accede par un reseau tel qu'Internet. On peut par exemple coordonner un travail d'impression (200) en permettant a un acheteur (204), a un vendeur (202), a des revendeurs et a des clients de l'acheteur d'accéder a un serveur via Internet, toutes les parties impliquees travaillant sur une meme specification uniforme pour tous. Dans une autre execution la coordination du projet comprend en outre la gestion des communications associees au projet.

Legal Status (Type, Date, Text)

Publication 20010308 A1 With international search report.

Publication 20010308 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the

ever of the receipt of amendments.  
Examination 20010816 Request for preliminary examination prior to end of  
19th month from priority date

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DIALOG(R) File 349:PCT Fulltext  
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00781904 \*\*Image available\*\*

METHOD AND APPARATUS FOR UTILIZING AN AUDIBLE SIGNAL TO INDUCE A USER TO  
SELECT AN E-COMMERCE FUNCTION

TECHNIQUE ET DISPOSITIF AVEC SIGNAL SONORE DEVANT INCITER L'UTILISATEUR A  
SELECTIONNER UNE FONCTION DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200115038 A2 20010301 (WO 0115038)

Application: WO 2000US21494 20000804 (PCT/WO US0021494)

Priority Application: US 99382423 19990824

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18689

English Abstract

A method for delivering advertising to a consumer over a **broadcast** media/global communication network combination. An advertisement **broadcast** is generated comprised of a general program and associated advertising dispersed therethrough for **broadcast** over a **broadcast** media which is directed to a general class of consumers. Unique information is embedded in the **broadcast** for inducing a consumer to access a desired advertiser's location on the global network system over a personal computer-based system. The advertisement **broadcast** is then **broadcast** to the potential class of consumers with the embedded unique information therein.

French Abstract

Cette invention concerne une technique permettant d'adresser un message publicitaire a un consommateur par l'intermediaire d'une combinaison de moyens de diffusion/reseau global de communication. L'emission publicitaire comprend un programme general parseme de publicites connexes qui est transmis par des medias et qui s'adresse a une categorie generale de consommateurs. Dans ce programme sont incorporees des informations uniques en leur genre censees inciter le consommateur a se rendre sur le site publicitaire voulu dans le reseau global via un systeme d'ordinateur personnel. L'emission publicitaire avec informations uniques integrees est ensuite diffusee a l'intention de la categorie potentielle de consommateurs.

Legal Status (Type, Date, Text)  
Publication 20010301 A2 Without international search report and to be  
republished upon receipt of that report.  
Examination 20010809 Request for preliminary examination prior to end of  
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DIALOG(R)File 349:PCT Fulltext  
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00781903 \*\*Image available\*\*  
**METHOD AND APPARATUS FOR TRACKING USER PROFILE AND HABITS ON A GLOBAL  
NETWORK**

**PROCEDE ET DISPOSITIF SERVANT A DEFINIR LE PROFIL D'UN UTILISATEUR ET SES  
HABITUDES SUR UN RESEAU GLOBAL**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200115037 A2 20010301 (WO 0115037)

Application: WO 2000US21375 20000804 (PCT/WO US0021375)

Priority Application: US 99382424 19990824

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17754

English Abstract

A method and apparatus for tracking network activity of a user. A user PC (302) disposed on a network (306) runs tracking software which initially requires registration to a registration server (2500). The registration process is initiated by the user entering user information into the tracking software for transmission to the registration server (2500). In response to registration, the registration server (2500) sends a unique ID and bar code back to the user PC (302). Subsequently, when the user accesses a vendor server (2504) disposed on the network (306), the user PC (302) passes the unique ID/bar code to the vendor server (2504). The vendor server (2504) sends the unique ID/bar code to the registration server to obtain user profile information which matches the unique ID/bar code. As the user accesses the vendor server (2504), the user activities are logged and returned to the registration server (2500) for updating the user information stored therein. Alternatively, the user information is stored on the user PC (302), the tracking software issued to the user having the unique ID bar code. Subsequent accesses to the vendor server (2504) results in the activity log being sent back to the user PC (302) for updating the user information.

French Abstract

Procède et dispositif servant à définir l'activité d'un utilisateur sur un réseau. Un PC utilisateur (302) situé sur un réseau (306) exécute un logiciel de poursuite nécessitant initialement un repérage dans un serveur de repérage (2500). Le processus de repérage est déclenché par l'entrée par l'utilisateur d'informations le concernant dans le logiciel de poursuite afin de les transmettre au serveur de repérage (2500). En réponse au repérage, le serveur de repérage (2500) renvoie au PC utilisateur (302) une ID et un code barres uniques. Ensuite, quand l'utilisateur accède à un serveur vendeur (2504) situé sur le réseau (306), le PC utilisateur (302) transmet l'ID/code barres uniques au serveur vendeur (2504). Ce dernier envoie l'ID/code barres uniques au serveur de repérage afin d'obtenir une information concernant le profil de l'utilisateur correspondant à l'ID/code barres uniques. Simultanément à l'accès au serveur vendeur (2504) par l'utilisateur, les activités de celui-ci sont entrées et retournées au serveur de repérage (2500) afin de mettre à jour les informations qui y sont mémorisées concernant l'utilisateur. Dans un autre mode de réalisation, ces informations sont mémorisées dans le PC utilisateur (302), le logiciel de poursuite de l'utilisateur possédant l'ID/code barres uniques. D'autres accès au serveur vendeur (2504) provoquent le renvoi de la session d'activité au PC utilisateur (302) afin de mettre à jour ces informations.

Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date

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DIALOG(R)File 349:PCT Fulltext

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00781902 \*\*Image available\*\*

**METHOD AND APPARATUS FOR MATCHING A USER'S USE PROFILE IN COMMERCE WITH A BROADCAST**

**PROCEDE ET DISPOSITIF DE MISE EN CORRESPONDANCE DU PROFIL D'UTILISATION D'UN UTILISATEUR DANS LE DOMAINE DU COMMERCE ELECTRONIQUE**

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Dallas, TX 75231, US, US (Residence), US (Nationality)

Inventor(s):

PHILYAW Jeffry Jovan, 5968 West Northwest Highway, No. 1813, Dallas, TX  
75225, US,

MATHEWS David Kent , 3438 Livingston Lane, Carrollton, TX 75007, US

Legal Representative:

HOWISON Gregory M (et al) (agent), Howison, Chauza, Handley & Arnott,  
L.L.P., P.O. Box 741715, Dallas, TX 75374-1715, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200115036 A2 20010301 (WO 0115036)

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Priority Application: US 99382372 19990824

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18540

English Abstract

A method for advertising over a network and **broadcast** media combination. A user's computer at a location on the network is operable to receive a signal from a **broadcast** generated by an advertiser, which signal has embedded therein unique coded information. The user's computer is connected to an advertiser's location in response to extracting the unique coded information from the **audio** signal. The advertiser's location is correlated to the unique coded information. The operation of connecting causes profile information of the user to be sent to the advertiser's location over the network. The profile at the advertiser's location is then received, and information generated to forward to the user based upon the user's profile forwarded thereto. This information is then forwarded to the connected user.

French Abstract

L'invention concerne un procede publicitaire sur une combinaison reseau et medias electroniques. L'ordinateur d'un utilisateur situe en un point du reseau recoit un signal en provenance d'une diffusion generee par un annonceur, lequel signal renferme des informations codees uniques. L'ordinateur de l'utilisateur est connecte a l'emplacement d'un annonceur en reaction a l'extraction des informations uniques codees depuis le signal **audio**. L'emplacement de l'annonceur est mise en relation avec lesdites informations codees. L'operation de connexion provoque l'envoi d'informations du profil utilisateur a l'emplacement de l'annonceur via le reseau. Le profil est alors recu au niveau de l'emplacement de l'annonceur et des informations a faire suivre a l'utilisateur sont generees en fonction dudit profil envoye. Ces informations sont enfin envoyees a l'utilisateur connecte.

Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date

23/5/18 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00781901 \*\*Image available\*\*

**METHOD AND APPARATUS FOR COMPLETING, SECURING AND CONDUCTING AN E-COMMERCE TRANSACTION**

**PROCEDE ET DISPOSITIF SERVANT A EXECUTER ET A SECURISER UNE TRANSACTION COMMERCIALE ELECTRONIQUE**

Patent Applicant/Assignee:

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US,

**MATHEWS David Kent**, 3438 Livingston Lane, Carrollton, TX 75007, US

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200115035 A2 20010301 (WO 0115035)

Application: WO 2000US21139 20000803 (PCT/WO US0021139)

Priority Application: US 99382426 19990824

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 19597

#### English Abstract

A method of conducting an on-line transaction. A user at a PC (302) of a first location completes a profile information sheet and transmits it across a secure network (2708) to a central registration server (2704) at a second location also disposed on the network (306). The central registration server (2704) transmits a unique bar code and associated unique ID back to the user PC (302) at the first location, in response to the user sending the completed profile information sheet to the registration server (2704). When the user accesses a vendor server (2700) disposed on the network (306) for the purchase of products and/or services, the user transmits the bar code to the vendor server (2700) when prompted to complete a vendor payment form. The vendor server (2700) sends the bar code to the central registration server (2704) where the bar code is matched to the user profile information. The profile information is returned to the vendor server (2700) and automatically inserted into the vendor payment form. The vendor server then processes the transaction according to the credit information provided. Some or all fields of the vendor payment form are inserted with encoded information depending upon the user selecting a standard or invisible mode of payment, respectively. The payment form is then presented to the user at the user PC (302) for acceptance or rejection of the transaction.

#### French Abstract

Procede servant a executer une transaction en ligne. Un utilisateur au niveau d'un PC (302) d'un premier emplacement remplit une feuille d'information de profil et la transmet par l'intermediaire d'un reseau securise (2708) a un serveur de repereage central (2704) au niveau d'un deuxieme emplacement situe egalement sur le reseau (306). Le serveur de repereage central (2704) renvoie un code barres unique et une ID unique associee au PC utilisateur (302) au niveau du premier emplacement, en reponse a l'envoi par l'utilisateur de la feuille remplie d'information de profil au serveur de repereage (2704). Quand l'utilisateur accede a un serveur vendeur (2700) situe sur le reseau (306) afin d'acheter des produits et/ou des services, il transmet le code barres au serveur vendeur (2700) quand on lui demande de remplir un formulaire de paiement au vendeur. Le serveur vendeur (2700) envoie le code barres au serveur de repereage central (2704) dans lequel il est mis en correspondance avec l'information de profil d'utilisateur. Celle-ci est retourne au serveur vendeur (2700) et inseree automatiquement dans le formulaire de paiement. Le serveur vendeur traite ensuite la transaction en fonction de l'information de credit fournie. Quelques unes ou la totalite des zones du formulaire de paiement du vendeur recoivent une information codee en fonction du choix du mode de paiement, normalise ou invisible, de l'utilisateur. Le formulaire de paiement est ensuite presente a l'utilisateur au niveau de son PC (302) afin qu'il accepte ou rejette la transaction.

#### Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010614 Request for preliminary examination prior to end of 19th month from priority date

23/5/19 (Item 19 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00781900 \*\*Image available\*\*

UNIQUE ID FOR IDENTIFYING A USER AND FACILITATING AN E-COMMERCE TRANSACTION  
IDENTIFICATION UNIQUE PERMETTANT D'IDENTIFIER UN UTILISATEUR ET DE



# FACILITER UNE TRANSACTION DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

DIGITALCONVERGENCE :COM INC, 9101 North Central Expressway, Suite 600,  
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Inventor(s):

PHILYAW Jeffry Jovan, 5968 West Northwest Highway, No. 1813, Dallas, TX  
75225, US,

MATHEWS David Kent , 3438 Livingston Lane, Carrollton, TX 75007, US

Legal Representative:

HOWISON Gregory M (et al) (agent), Howison, Chauza, Handley & Arnott,  
L.L.P., P.O. Box 741715, Dallas, TX 75374-1715, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200115034 A1 20010301 (WO 0115034)

Application: WO 2000US21138 20000803 (PCT/WO U90021138)

Priority Application: US 99382422 19990824

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: G07F-007/02; G07F-007/10

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19503

## English Abstract

A method of conducting an on-line transaction. A user at a PC (302) of a first location completes a personal information sheet and transmits it across a secure network (2708) to a central registration server (2704) at a second location also disposed on the network (306). The central registration server (2704) transmits a unique bar code and associated unique ID back to the user PC (302) at the first location, in response to the user sending the completed personal information sheet to the registration server (2704). When the user accesses a vendor server (2700) disposed on the network (306) for the purchase of products and/or services, the user transmits the bar code to the vendor server (2700) when prompted to complete a vendor payment form. The vendor server (2700) sends the bar code to the central registration server (2704) where the bar code is matched to the user personal information. The personal information is returned to the vendor server (2700) and automatically inserted into the vendor payment form. The vendor server then processes the transaction according to the credit information provided. Some or all fields of the vendor payment form are inserted with encoded personal information depending upon the user selecting a standard or invisible mode of payment, respectively. The payment form is then presented to the user at the user PC (302) for acceptance or rejection of the transaction.

## French Abstract

L'invention concerne un procede permettant de realiser d'une transaction en ligne. Un utilisateur depuis un PC (302), en un premier lieu, remplit une fiche d'information personnelle, puis la transmet via un reseau securise (2708) a un serveur d'enregistrement central (2704), en un second lieu egalement situe sur le reseau (306). Le serveur d'enregistrement central (2704) transmet un code barres unique et une identification unique associee en retour au PC de l'utilisateur (302) au premier lieu, en reponse a l'utilisateur qui a envoye la fiche d'information personnelle completee au serveur d'enregistrement (2704). Lorsqu'un utilisateur accede a un serveur de vente (2700) situe sur le reseau (306), afin d'acquies des produits et/ou des services, l'utilisateur transmet le code barres au serveur de vente (2700) qui envoie ledit code au serveur d'enregistrement central (2704) ou le code

barres est associe aux informations personnelles de l'utilisateur. Ces informations personnelles de l'utilisateur sont retournees au serveur de vente (2700), puis automatiquement saisies dans le formulaire de reglement dudit serveur de vente. Le serveur de vente traite ensuite la transaction, en fonction des informations de credit fournies. Une partie ou la totalite des champs d'information du formulaire de reglement dudit serveur de vente sont saisis, avec des informations personnelles codees, si l'utilisateur decide de choisir un mode de reglement invisible ou classique. Le formulaire de reglement est ensuite presente a l'utilisateur a son PC utilisateur (302), pour que celui-ci accepte ou rejette cette transaction.

Legal Status (Type, Date, Text)

Publication 20010301 A1 With international search report.

Examination 20010907 Request for preliminary examination prior to end of 19th month from priority date

23/5/20 (Item 20 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00770318

**SYSTEM AND METHOD FOR SHORT NOTICE ADVERTISING PLACEMENT**

**SYSTEME ET PROCEDE POUR EMPLACEMENT PUBLICITAIRE A PREAVIS COURT**

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(Residence), US (Nationality)

Legal Representative:

KALIDINDI Krishna V, Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.,

One Fountain Square, 11911 Freedom Drive, Reston, VA 20190, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200103041 A1 20010111 (WO 0103041)

Application: WO 2000US18421 20000703 (PCT/WO US0018421)

Priority Application: US 99142231 19990702

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8929

English Abstract

A system and method for utilizing dynamic advertisement placements is disclosed. Information such as an available advertising placement and a cost for purchasing the placement is stored in a database. The database is accessible to a number of advertising buyers. The buyers submit bids for the available advertising placement. The system selects a bid for each available advertising placement and identifies a buyer associated with the selected bid. This buyer is notified of the advertising placement being reserved and assigned.

French Abstract

La presente invention concerne un systeme et un procede d'utilisation d'emplacements publicitaire dynamique. Les informations telles que l'emplacements publicitaire disponible et le cout d'achat de l'emplacements sont stockees dans une base de donnees. Cette base de donnees est accessible a un certain nombre d'acheteurs publicitaires. Les acheteurs soumettent des offres pour l'emplacements publicitaire disponible. Ce

systeme selectionne une offre pour chaque emplacement publicitaire disponible et identifie un acheteur associe a l'offre selectionnee. Cet acheteur est averti lorsqu'un emplacement publicitaire est reserve et attribue.

Legal Status (Type, Date, Text)

Publication 20010111 A1 With international search report.

Publication 20010111 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date

23/5/21 (Item 21 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00769831 \*\*Image available\*\*

**A THIN MULTIMEDIA COMMUNICATION DEVICE AND METHOD**

**DISPOSITIF DE COMMUNICATION MULTIMEDIA NON PROGRAMMABLE ET PROCEDE CORRESPONDANT**

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HARTER Andrew Charles, Berry Cottage, 7 West Street, Comberton, Cambridge CB3 7DS, GB, GB (Residence), GB (Nationality), (Designated only for: US)

RICHARDSON Tristan John, 21A Grafton Street, Cambridge CB1 1DS, GB, GB (Residence), GB (Nationality), (Designated only for: US)

HOLLINGHURST Nicholas John, 6 Dalegarth, Hurst Park Avenue, Cambridge CB4 2AG, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

ROBINSON John S (agent), Marks & Clerk, Nash Court, Oxford Business Park South, Oxford OX4 2RU, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200103399 A2-A3 20010111 (WO 0103399)

Application: WO 2000GB2601 20000706 (PCT/WO GB0002601)

Priority Application: US 99142633 19990706

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: H04L-012/64; H04M-007/00; G06F-017/60 ;

H04N-007/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14363

English Abstract

A communication system and method comprises endpoint devices (10, 11), each of which has one or more audio transducers and a touch screen. The devices (10, 11) are connected by a network (12) providing non-dedicated communication paths to servers (14, 15). An application (16, 17) is resident in each of the servers (14, 15) and has the ability to affect the image displayed on at least part of the screen. The server (14, 15) performs signaling for controlling an audio connection between the

devices (10, 11). The touch screen is interactive and is able to initiate the audio connection. The application (16, 17) allows the screen or each screen of devices (10, 11) participating in the audio connection to display the path of consecutive measured positions of a pointer on the screen from one or more of the connected devices (10, 11). The touch screen is able to display an image supplied by a remote server or other apparatus after the audio connection has been initiated.

#### French Abstract

L'invention concerne un systeme et un procede de communication comprenant des dispositifs (10, 11) d'extremite, comportant chacun un ou plusieurs transducteurs (23-26) audio et un ecran tactile (29, 31). Les dispositifs (10, 11) sont relies par un reseau (12) realisant des voies de communication non specialises aboutissant a des serveurs (14, 15). Une application (16, 17), qui reside sur chacun des serveurs (14, 15), permet d'agir sur l'image affichee sur une partie de l'ecran (29) au moins. Le serveur (14, 15) produit une signalisation pour la **commande** d'une connexion **audio** entre les dispositifs (10, 11). L'ecran tactile (29, 31), qui est interactif, est capable de lancer la connexion audio. L'application (16, 17) permet a l'ecran (29) ou a chaque ecran des dispositifs (10, 11) impliquees dans la connexion audio d'afficher le chemin constitue par les positions consecutives mesurees d'un pointeur (30) sur l'ecran (29) a partir d'un ou de plusieurs dispositifs connectes (10, 11). L'ecran (29) peut afficher une image fournie par un serveur hors site ou autre appareil apres lancement de la connexion audio.

#### Legal Status (Type, Date, Text)

Publication 20010111 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010426 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010525 Late publication of international search report  
Republication 20010525 A3 With international search report.

23/5/22 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00762395 \*\*Image available\*\*

#### A METHOD AND SYSTEM FOR COMMUNICATING WITH A TARGETED AUDIENCE

#### PROCEDE ET SYSTEME POUR COMMUNIQUER AVEC UNE AUDIENCE CIBLE

#### Patent Applicant/Assignee:

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#### Patent Applicant/Inventor:

OR Tal, Shprintzak Street 17, 64738 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

#### Legal Representative:

EITAN PEARL LATZER & COHEN-ZEDEK, Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia, IL

#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200075801 A1 20001214 (WO 0075801)  
Application: WO 2000IL313 20000531 (PCT/WO IL0000313)  
Priority Application: US 99137794 19990603

#### Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 5533

#### English Abstract

A method for communicating with a targeted audience is provided. The method includes the steps of identifying the targeted audience (302); determining the subject matter of interest to the targeted audience (304); inserting the subject matter of interest data into a video stream being transmitted to the targeted audience, thereby amending the video stream; and displaying the amended video stream to the targeted audience.

#### French Abstract

L'invention concerne un procede pour communiquer avec une audience cible. Le procede consiste a identifier l'audience (302) cible; a determiner le domaine d'interet de l'audience (304) cible; a inserer le domaine cible dans un flux video transmis a l'audience cible en modifiant ainsi le flux video; et a montrer le flux video ainsi modifie a l'audience cible.

#### Legal Status (Type, Date, Text)

Publication 20001214 A1 With international search report.  
Publication 20001214 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.  
Examination 20010412 Request for preliminary examination prior to end of 19th month from priority date

23/5/23 (Item 23 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00761429

**METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING SYSTEM CAPABLE OF ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A PRODUCT OR SERVICE BASED ON SUCH ASSESSED NEEDS**

**PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT VIRTUEL CAPABLE D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN PRODUIT OU UN SERVICE SUR LA BASE DE CES BESOINS**

#### Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

#### Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

#### Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200073955 A2 20001207 (WO 0073955)  
Application: WO 2000US14357 20000524 (PCT/WO US0014357)  
Priority Application: US 99321495 19990527

#### Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

English Abstract

French Abstract

La presente invention concerne un systeme permettant de realiser des transactions commerciales virtuelles apres identification des besoins de l'utilisateur. Tout d'abord, le systeme evalue les besoins d'un utilisateur. Il genere ensuite, sur la base des besoins de l'utilisateur, une solution, qui est affichee. Un paiement est alors accepte en echange de la solution. Il convient de noter que dans le cadre du present descriptif de l'invention, ladite solution est, mais pas exclusivement, un produit ou un service.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010301 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20010802 Late publication under Article 17.2a  
Republication 20010802 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

23/5/24 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00761422

**BUSINESS ALLIANCE IDENTIFICATION  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES  
COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

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Inventor(s):

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BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,  
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)  
Application: WO 2000US14375 20000524 (PCT/WO US0014375)  
Priority Application: US 99320816 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 149371

English Abstract

A system, method and article of manufacture are provided for identifying alliances among a plurality of business entities in components of a network framework. First, alliances are identified among a plurality of

business entities in terms of components of a current network framework. Next, a pictorial representation is displayed of the current network framework and the components. The alliances are then conveyed by indicia coding the components of the current network framework in which the alliances exist.

#### French Abstract

La presente invention concerne un systeme, un procede et un article de production permettant d'identifier les alliances au sein d'un groupe de plusieurs entites commerciales en terme de composants d'un cadre de reseau. Tout d'abord, les alliances sont identifiees parmi un groupe de plusieurs entites commerciales en terme de composants d'un cadre de reseau en cours. Ensuite, une representation graphique du reseau en cours et des composants est affichee. Les alliances sont alors acheminees en codant les composants du cadre de reseau en cours dans lequel les alliances existent avec des marques.

#### Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010301 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010525 Late publication of international search report  
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23/5/25 (Item 25 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00752105 \*\*Image available\*\*

#### ATM VIDEO ADVERTISING

#### PUBLICITE VIDEO DE GUICHET AUTOMATIQUE

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#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200065504 A2 20001102 (WO 0065504)  
Application: WO 2000US10556 20000419 (PCT/WO US0010556)  
Priority Application: US 99296353 19990422

#### Designated States: AU CA JP

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#### Main International Patent Class: G06F-017/60

#### Publication Language: English

#### Filing Language: English

#### Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6843

#### English Abstract

Message files preferably comprising MPEG video messages are provided to transaction terminals for display of non-transaction messages to users during a terminal transaction. The messages are selected and displayed upon transaction approval. Operation of the terminal in accordance with transaction approval, i.e., to dispense cash or print a record, is initiated during the interval when the selected message is displayed.

#### French Abstract

Des fichiers de messages comprenant de preference des messages video de groupe MPEG sont remis a des terminaux de transaction en vue de

l'affichage de messages n'entrant pas dans le cadre des transactions, destinés aux utilisateurs qui effectuent une transaction au niveau du terminal. Les messages sont sélectionnés et affichés après acceptation de la transaction. Le fonctionnement du terminal selon l'acceptation de la transaction, c'est-à-dire, la remise d'argent liquide ou l'impression d'un relevé, est amorcé pendant l'intervalle correspondant à l'affichage du message sélectionné.

Legal Status (Type, Date, Text)

Publication 20001102 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010315 Request for preliminary examination prior to end of 19th month from priority date

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DIALOG(R)File 349:PCT Fulltext  
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00748804 \*\*Image available\*\*

**ELECTRONIC BOOK ALTERNATIVE DELIVERY METHODS**  
**PROCEDES DE DISTRIBUTION DE REMPLACEMENT POUR LIVRES ELECTRONIQUES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200062229 A2 20001019 (WO 0062229)  
Application: WO 2000US9542 20000411 (PCT/WO US0009542)  
Priority Application: US 99289956 19990413

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
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Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 33395

English Abstract

The invention, electronic book selection and delivery methods, provides for distribution of electronic text and graphics to subscribers (258). The method may be executed at an operations center (250), a video distribution system (208) or a variety of alternative distribution systems. The operations center (250) and/or distribution points (1020) perform the functions of manipulation of text data, security and coding of text, cataloging of books, message center, and uplink functions. The home subsystem (258) connects to a video distribution system (208) or variety of alternative distribution systems, generates menus and stores text, and transacts through communicating mechanisms (611, 613, 617). A portable book-shaped viewer (266) is used for viewing the text. A billing system (278) performs the transaction, management, authorization, collection and payments utilizing the telephone system (274) or a variety of alternative communication systems.



French Abstract

L'invention concerne un procede de selection et de distribution (200) de livres electroniques, concu pour distribuer un texte electronique et des documents graphiques a des abonnes (258). Ledit procede peut etre execute par un centre d'operations (250), un systeme de diffusion video (208) ou par divers systemes de distribution de remplacement. Ledit centre d'operations (250) et/ou des points de distribution (1020) executent les fonctions relatives a la manipulation de donnees textuelles, a la securite et au codage du texte, au catalogage des livres, a la transmission des messages et ils executent egalement les liaisons ascendantes. Le sous-systeme local (258) est relie a un systeme de diffusion video (208) ou a divers systemes de distribution de remplacement, il produit des menus, stocke du texte et traite les transactions par le biais de dispositifs de communications (611, 613, 617). Un appareil de visionnage (266) portatif en forme de livre est utilise pour visionner le texte. Un systeme de facturation (278) execute les transactions, la gestion, les autorisations, la collecte et les paiements a l'aide du reseau telephonique (274) ou a l'aide de divers systemes de communications de remplacement.

Legal Status (Type, Date, Text)

Publication 20001019 A2 Without international search report and to be republished upon receipt of that report.  
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DIALOG(R)File 349:PCT Fulltext

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00748803 \*\*Image available\*\*

**ELECTRONIC BOOK ALTERNATIVE DELIVERY SYSTEMS**

**PROCEDES DE DISTRIBUTION DE REMPLACEMENT POUR LIVRES ELECTRONIQUES**

Patent Applicant/Assignee:

DISCOVERY COMMUNICATIONS INC, 7700 Wisconsin Avenue, Bethesda, MD 20814-3522, US, US (Residence), US (Nationality)

Inventor(s):

HENDRICKS John S, 8723 Persimmon Tree Road, Potomac, MD 20854, US  
ASMUSSEN Michael L, 2627 Meadow Hall Drive, Herndon, VA 20171, US  
MCCOSKEY John S, 4692 N. Lariat Drive, Castle Rock, CO 80104, US

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200062228 A2 20001019 (WO 0062228)  
Application: WO 2000US9541 20000411 (PCT/WO US0009541)  
Priority Application: US 99289957 19990413

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 36583

English Abstract

The invention, an electronic book selection and delivery system (200), distributes text to subscribers (258). The system contains an operations

center (250), a video distribution system (208) or a variety of alternative distribution systems, a home subsystem (258), and a billing and collection system. The operations center (250) and/or distribution points (1020) perform the functions of manipulation of text data, security and coding of text, cataloging of books, message center, and uplink functions. The home subsystem (258) connects to a video distribution system (208) or variety of alternative distribution systems, generates menus and stores text, and transacts through communicating mechanisms (611, 613, 617). A portable book-shaped viewing device (266) is used for viewing the text. The billing system (278) performs the transaction, management, authorization, collection and payments utilizing the telephone system (274) or a variety of alternative communication systems.

#### French Abstract

L'invention concerne un procede de selection et de distribution (200) de livres electroniques concu pour distribuer du texte a des abonnes (258). Ledit procede comprend un centre d'operations (250), un systeme de diffusion video (208) ou divers systemes de distribution de remplacement, un sous-systeme local (258) et un systeme de facturation et de collecte. Ledit centre d'operations (250) et/ou des points de distribution (1020) executent les fonctions relatives a la manipulation des donnees, a la securite et au codage du texte, au catalogage des livres, a la transmission des messages et ils executent egalement les liaisons ascendantes. Le sous-systeme local (258) est relie a un systeme de diffusion video (208) ou a divers systemes de distribution de remplacement, il produit des menus, stocke du texte et execute les operations par le biais de dispositifs de communications (611, 613, 617). Un appareil (266) de visionnage en forme de livre est utilise pour visionner le texte. Le systeme de facturation (278) execute les operations, la gestion, les autorisations, la collecte et les paiements a l'aide du reseau telephonique (274) ou a l'aide de divers systemes de communications de remplacement.

#### Legal Status (Type, Date, Text)

Publication	20001019	A2 Without international search report and to be republished upon receipt of that report.
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00747124 \*\*Image available\*\*

#### CENTRALIZED ELECTRONIC INCENTIVE SYSTEM

#### SYSTEME ELECTRONIQUE CENTRALISE DE PRIMES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200060517 A2 20001012 (WO 0060517)

Application: WO 2000US8655 20000331 (PCT/WO US0008655)

Priority Application: US 99285525 19990402

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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Main International Patent Class: G06F-017/60

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 12668

English Abstract

French Abstract

La presente invention concerne un systeme et un procede electronique de primes informatise pour lequel le ciblage, la distribution, la selection, la memorisation, l'echange, la compensation, le remboursement et la gestion des donnees se fait electroniquement. Le systeme met les primes a disposition dans un systeme central de primes situe dans un systeme informatique, cible les primes sur des consommateurs ou groupes de consommateurs specifiques, permet aux consommateurs de selectionner les primes et memorise les noms ou numeros identifiant les consommateurs en regard des primes selectionnees par les consommateurs, transmet les achats des consommateurs lorsque le consommateur fait un achat aupres d'un detaillant, et donne au detaillant l'identification du consommateur, a la suite de quoi le detaillant se connecte au systeme central de primes et compare les achats aux primes selectionnees memorisees pour le consommateur. En cas de concordance, il y a application de la prime, et compensation automatique du consommateur. Le systeme prevoit egalement le remboursement automatique du detaillant. En outre, les donnees d'achat et d'echange de primes du consommateur sont gardees en memoire et utilisees pour le ciblage de primes futures a destination du consommateur ou d'un groupe auquel appartient le consommateur.

Legal Status (Type, Date, Text)

Publication 20001012 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010125 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20010802 Late publication under Article 17.2a  
Republication 20010802 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

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DIALOG(R) File 349:PCT Fulltext  
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00739255 \*\*Image available\*\*

**GLOBALLY NETWORKED ADVERTISEMENT DISSEMINATION AND SCHEDULING SYSTEM AND METHOD**

**SYSTEME ET PROCEDE DE PROGRAMMATION ET DE DIFFUSION DE DONNEES PUBLICITAIRES SUR RESEAU GLOBAL**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052621 A2 20000908 (WO 0052621)  
Application: WO 2000US5553 20000303 (PCT/WO US0005553)  
Priority Application: US 99122815 19990304

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17783

#### English Abstract

An apparatus, method, and computer readable medium for displaying and scheduling advertising and other information provides for generating, for one or more subscribers, presentation time and location requests for displaying, at prescribed times and dates, subscriber-provided information on selected publicly viewable displays situated at a number of geographically distinct locations. Presentation times are scheduled for displaying the subscriber-provided information on the selected displays in response to the generated presentation time and location requests. The subscriber-provided information is displayed on the selected publicly viewable displays according to the scheduled presentation times. The subscriber-provided information generally constitutes advertising information, and typically includes one or more of textual, graphical, animation, photographic, motion video or audio information. Information in addition to subscriber-provided information may be displayed on selected displays, such as one or more of textual, graphical, animation, photographic, motion video, audio, or live broadcast information. The subscriber-provided information and other information is preferably verified to ensure that the information meets one or more pre-established standards prior to scheduling presentation times for displaying the subscriber-provided information or prior to displaying the subscriber-provided information. Subscriber and viewers interact with a central server of the system via a web-site. The central server is coupled to local servers which, in turn, are coupled to respective publicly viewable large panel displays. Subscriber-content and other information is presented on the panel displays to viewers who may interact with the system via local terminals/kiosks situated proximate the panel displays.

#### French Abstract

L'invention concerne un appareil, un procede et un support lisible par ordinateur servant a programmer et a afficher des donnees publicitaires ou d'autres types de donnees afin de generer, pour un ou plusieurs abonnees, des demandes d'heure de presentation et d'emplacement pour afficher, a des heures et a des dates programmees, des donnees d'abonnee sur des ecrans publics situes a divers emplacements geographiques. Les heures de presentation sont programmees pour afficher les donnees d'abonnee sur les ecrans selectionnees en reponse aux demandes d'heure de presentation et d'emplacement generees. Les donnees d'abonnee sont affichees sur les ecrans publics selectionnees selon les heures de presentation programmees. Ces donnees sont generalement des donnees publicitaires parmi lesquelles se trouvent une ou plusieurs donnees textuelles, graphiques, d'animation, photographiques, de video animee ou audio. Des donnees supplementaires peuvent etre affichees sur des ecrans selectionnees, par exemple des donnees textuelles, graphiques, d'animation, photographiques, de video animee, audio, ou de retransmission en direct. Les donnees d'abonnee et les autres donnees sont, de preference, verifiees afin de s'assurer qu'elles correspondent bien a des standards pre-etablis prealablement a la programmation des heures de presentation d'affichage des donnees d'abonnee ou prealablement a l'affichage des donnees d'abonnee. L'abonnee et les spectateurs interagissent avec un serveur central du systeme via un site web. Le serveur central est couple a des serveurs locaux qui, a leur tour, sont couples a de grands ecrans publics correspondants. Les donnees d'abonnee et les autres donnees sont presentees sur les ecrans pour les spectateurs pouvant interagir avec le systeme via des stations terminales/bornes

interactives locales situées pres des ecrans.

Legal Status (Type, Date, Text)

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00731978 \*\*Image available\*\*

DATA PROCESSING SYSTEM FOR FACILITATING MERCHANDISE TRANSACTIONS

SYSTEME INFORMATIQUE POUR FACILITER LES TRANSACTIONS SUR MARCHANDISES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200045315 A1 20000803 (WO 0045315)

Application: WO 2000US2120 20000127 (PCT/WO US0002120)

Priority Application: US 99117500 19990127; US 99418627 19991015

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 41929

#### English Abstract

A data processing system for facilitating merchant transactions includes a computer for processing data, and a storage device for storing data processed by the computer. Data regarding the purchase by a purchaser of merchandise from a merchant for a specified amount of money is entered into the computer. Monetary points are then calculated which are proportionate to a purchase made. The monetary points are then allocated between a first account which may be used by a first person for the purchase of additional merchandise from the merchant, and a second account which may be used by a second person for education at an educational institution. The monetary points allocated to the first account and the second are recorded in the storage device.

#### French Abstract

L'invention concerne un systeme informatique pour faciliter les transactions sur marchandises, qui comprend un ordinateur pour le traitement de donnees et un dispositif de memorisation pour la memorisation des donnees traitees par l'ordinateur. Les donnees relatives a l'achat par un acheteur d'une marchandise a un marchand, contre un montant specifique, est entre dans l'ordinateur. Des points monetaires proportionnels au montant de l'achat sont ensuite calcules. Les points monetaires sont ensuite repartis entre un premier compte qui peut etre utilise par une premiere personne pour l'achat de marchandises supplementaires audit marchand, et un deuxieme compte qui peut etre

utilise par une deuxième personne pour les études dans un établissement d'enseignement. Les points monétaires attribués au premier compte et au second compte sont enregistrés dans le dispositif de mémorisation.

Legal Status (Type, Date, Text)

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Publication 20000803 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

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00730927 \*\*Image available\*\*

**METHOD AND APPARATUS FOR CREATING MULTIMEDIA PLAYLISTS FOR AUDIO-VISUAL SYSTEMS**

**PROCEDE ET APPAREIL DE CREATION DE LISTES DE JEUX MULTIMEDIA POUR SYSTEMES AUDIOVISUELS**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US1332 20000120 (PCT/WO US0001332)

Priority Application: US 99235315 19990122

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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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Publication Language: English

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6732

English Abstract

A method executed in a data processing system (100) is provided for generating a list of media for playback from different types of audio and video media. Initially, a list of different types of media available for playback is identified. Based on the identification, the list of media is displayed. Using this list of media, a multimedia playlist is created including audio and video media from the list of media. Another aspect of the present invention provides a method for playing different types of audio and video media on different audio (102) and video (104) devices. Initially, a multimedia playlist having a list of audio and video media is loaded. The first entry of media in the multimedia playlist is selected for playback. This first entry of media is processed and played back on a device compatible with the first entry of media. A subsequent entry of media in the multimedia playlist is also selected for playback.

This subsequent entry of media is processed and played back on a device capable of processing the subsequent entry of media.

#### French Abstract

Selon cette invention, un procede execute dans un systeme (100) de traitement de donnees permet de generer une liste de supports de lecture de differents types de supports audio et video. Au depart, on identifie une liste de differents types de supports disponibles. A partir de cette identification, une liste de supports est affichee. A l'aide de cette liste de supports, on cree une liste de jeux multimedia comprenant des supports audio et video. Selon une autre variante, l'invention porte sur un procede de lecture de differents supports audio et video sur differents dispositifs audio (102) et video (104). On charge, au depart, une liste de jeux multimedia constituee d'une liste de supports audio et video. La premiere entree de supports dans la liste de jeux multimedia est selectionnee pour la lecture. Cette premiere entree est traitee et repasee sur un dispositif compatible a la premiere entree de supports. Une autre entree de supports de la liste de jeux multimedia est egalement selectionnee pour la lecture. Cette entree de supports est traitee et repasee sur un dispositif capable de la traiter.

Legal Status (Type, Date, Text)

Publication 20000727 A1 With international search report.

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23/5/32 (Item 32 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00569849

#### **ELECTRONIC INCENTIVE SYSTEM AND METHOD SYSTEME ET PROCEDE D'INCITATION ELECTRONIQUE**

Patent Applicant/Assignee:

GOTSAVINGS COM,

Inventor(s):

WILLIAMS Humphrey N S,

KAN Immanuel,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033222 A1 20000608 (WO 0033222)

Application: WO 99US28105 19991124 (PCT/WO US9928105)

Priority Application: US 98109984 19981125; US 99419129 19991015; US 99419147 19991015; US 99419312 19991015; US 99419426 19991015

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23395

#### English Abstract

An electronic incentive system (20) and method are provided which permits an incentive (27) to be distributed to a consumer (28) who is contemplating the purchase of a product. To accomplish this, the system generates brand preference records which are used to target a variety of different incentives to the consumer.

#### French Abstract

L'invention concerne un systeme (20) et un procede d'incision electronique permettant d'offrir une prime (27) a un client (28) desireux d'acquiescer un produit. A cet effet, le systeme genere des enregistrements de preferences de marques qui sont utilises pour cibler plusieurs types de primes destinees au client.

23/5/33 (Item 33 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00515350

**APPARATUS AND METHOD FOR COLLABORATIVE DYNAMIC VIDEO ANNOTATION**  
**APPAREIL ET PROCEDE DESTINES A L'ANNOTATION DYNAMIQUE DE LA VIDEO EN MODE COOPERATIF**

Patent Applicant/Assignee:

SIEMENS CORPORATE RESEARCH INC,

Inventor(s):

LIOU Shih-Ping,

HJELSVOLD Rune,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9946702 A1 19990916

Application: WO 99US4506 19990301 (PCT/WO US9904506)

Priority Application: US 9839019 19980313

Designated States: CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

International Patent Class: H04N-007/15

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9014

**English Abstract**

A method for dynamic video annotation among a plurality of users utilizes a programmable computer and comprises the steps of: selecting a network service coupled to the computer; performing one of (a) starting and (b) joining a collaborative session among the users; loading one of (a) a video and (b) a recorded annotation file; performing annotation of at least one of graphical, text, and audio annotation; and storing said collaborative session.

**French Abstract**

L'invention concerne un procede d'annotation dynamique de la video entre plusieurs utilisateurs. Il utilise un ordinateur programmable et consiste en ce qui suit: on selectionne un service reseau couple a l'ordinateur; on continue soit (a) en lançant une session en mode cooperatif soit (b) en y adherant; on charge soit (a) une video soit (b) un fichier d'annotations enregistre; on insere des annotations en rapport avec au moins une annotation graphique, textuelle ou audio et; on memorise cette session en mode cooperatif.

23/5/34 (Item 34 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00493576

**SYSTEMS AND METHODS FOR MATCHING, SELECTING, NARROWCASTING, AND/OR CLASSIFYING BASED ON RIGHTS MANAGEMENT AND/OR OTHER INFORMATION**  
**SYSTEMES ET PROCEDES DE COMPARAISON, DE SELECTION, DE DISTRIBUTION RESTREINTE, ET/OU DE CLASSIFICATION SELON DES DONNEES RELATIVES A UNE GESTION DES DROITS ET/OU D'AUTRES DONNEES**

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

SHEAR Victor H,



VAN WIE David M,  
WEBER Robert P,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9924928 A2 19990520  
Application: WO 98US23648 19981106 (PCT/WO US9823648)  
Priority Application: US 97965185 19971106  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG  
Main International Patent Class: G06F-017/60  
International Patent Class: G06F-001/00  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 46172

#### English Abstract

Rights management information is used at least in part in a matching, narrowcasting, classifying and/or selecting process. A matching and classification utility system comprising a kind of Commerce Utility System is used to perform the matching, narrowcasting, classifying and/or selecting. The matching and classification utility system may match, narrowcast, classify and/or select people and/or things, non-limiting examples of which include software objects. The Matching and Classification Utility system may use any pre-existing classification schemes, including at least some rights management information and/or other qualitative and/or parameter data indicating and/or defining classes, classification systems, class hierarchies, category schemes, class assignments, category assignments, and/or class membership. The Matching and Classification Utility may also use at least some rights management information together with any artificial intelligence, expert system, statistical, computational, manual, or any other means to define new classes, class hierarchies, classification systems, category schemes, and/or assign persons, things, and/or groups of persons and/or things to at least one class.

#### French Abstract

Les donnees relatives a la gestion des droits sont utilisees en partie dans un processus de comparaison, de distribution restreinte, de classification, et/ou de selection, un systeme utilitaire de comparaison et de classification comprenant un type de systeme utilitaire commercial etant utilise pour effectuer la comparaison, distribution restreinte, classification, et/ou selection. Ce systeme utilitaire de comparaison et de classification peut comparer, distribuer de maniere restreinte, classifier, et/ou selectionner des individus et/ou des choses, par exemple des objets logiciels. Ce systeme utilitaire de comparaison et de classification peut utiliser n'importe quel dispositif de classification existant, par exemple au moins des dispositifs de classification existants, qui comprennent au moins des donnees relatives a la gestion des droits et/ou d'autres donnees qualitatives et/ou des donnees de parametres, permettant d'indiquer et/ou de definir des classifications, des systemes de classification, des hierarchies entre classifications, des dispositifs categoriels, des affectations de classifications, des affectations categorielles, et/ou des appartenances a des classifications. Ce systeme utilitaire de comparaison et de classification peut egalement utiliser des donnees relatives a la gestion des droits avec un systeme expert d'intelligence artificielle ou avec des organes statistiques, computationnels, manuels, ou autres, afin de definir de nouvelles classifications et hierarchies entre classifications, de nouveaux systemes de classification et dispositifs categoriels, et/ou affecter des individus, des choses, et/ou des groupes d'individus et/ou de choses a au moins une classification.

23/5/35 (Item 35 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00464207

**SECURELY METERING ADVERTISING IN DATA PROCESSING SYSTEMS**  
**PROCEDE SECURISE DE MESURE DE PUBLICITES DANS LES SYSTEMES INFORMATIQUES**

Patent Applicant/Assignee:

GRIFFITS John,

Inventor(s):

GRIFFITS John,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9854672 A1 19981203

Application: WO 98AU403 19980529 (PCT/WO AU9800403)

Priority Application: AU 977040 19970529

Designated States: AU CA NZ US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE

Main International Patent Class: G06T-001/00

International Patent Class: G06F-017/60 ; G06F-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30671

English Abstract

A user controlled data processing system is provided with a secure processing means (5) which has the ability to over ride the control of the system hardware by the resident operating system. Advertising display data (116) can be securely inserted into the display area (114) of the data processing system. Secure processing means (5) also has the ability to take over control of input devices (110-113) thereby ensuring that the user will interact with the displayed advertising data (116). Graphic user interface (GUI) methods utilizing this system are also described.

French Abstract

L'invention concerne un systeme informatique gere par utilisateur disposent d'un organe de traitement securise (5) capable de venir supplanter le systeme d'exploitation resident commandant le materiel du systeme. Les donnees d'affichage de publicites (116) peuvent etre inserees en toute securite dans la zone d'affichage (114) du systeme informatique. L'organe de traitement securise (5) est egalement capable d'assurer la gestion des peripheriques d'entree (110-113) ce qui garantit l'interaction de l'utilisateur avec les donnees de publicites affichees (116). Font aussi l'objet de cette invention les procedes d'interface utilisateur graphique (GUI) utilisant ce systeme.

23/5/36 (Item 36 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00456616

**NETWORK DELIVERY OF INTERACTIVE ENTERTAINMENT COMPLEMENTING AUDIO RECORDING**  
**DIFFUSION SUR RESEAU D'ENREGISTREMENTS AUDIO INTERACTIFS COMPLEMENTAIRES DE**  
**DIVERTISSEMENT**

Patent Applicant/Assignee:

ION INC,

Inventor(s):

ROBERTS Dale Tyson,

GREENBERG Ann E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847080 A2 19981022

Application: WO 98US7660 19980415 (PCT/WO US9807660)

Priority Application: US 97838082 19970415

Designated States: AU CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

Main International Patent Class: H04M-011/08

International Patent Class: H04L-029/06; G06F-017/30 ; G11B-027/00;

G07F-017/30; H04H-001/02  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 7894

English Abstract

Entertainment content complementary to a musical recording is delivered to a user's computer by means of a computer network link. The user employs a browser to access the **computer** network. A plug-in for the **browser** is able to **control** an **audio** CD or other device for playing the **musical** recording. A script stored on the remote computer accessed over the network is downloaded. The script synchronizes the delivery of the complementary entertainment content with the play of the musical recording.

French Abstract

L'invention concerne des donnees de divertissement completant un enregistrement musical, ces donnees etant transmises a l'ordinateur d'un utilisateur par l'intermediaire d'une liaison de reseau informatique, ledit utilisateur utilisant un navigateur pour acceder a ce reseau informatique. Un module d'extension, concu pour ledit navigateur, permet de **commander** un C.D. **audio** ou tout autre dispositif destine a lire l'enregistrement musical. On telecharge un script stocke dans l'ordinateur a distance, auquel on accede par le reseau. Ce script permet de synchroniser la diffusion des donnees de divertissement complementaires et la lecture dudit enregistrement musical.

23/5/37 (Item 37 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00432425

**USER INTERFACE FOR CONTROLLING AUDIO FUNCTIONS IN A WEB BROWSER**  
**INTERFACE USAGER DE COMMANDE DES FONCTIONS AUDIO D'UN EXPLORATEUR WEB**

Patent Applicant/Assignee:

WEBTV NETWORKS INC,

Inventor(s):

WHITE Christopher M,  
KRUEGER Mark H,  
ANDERSON David R,  
YAKSICK Jeffrey D,  
BRITT Joe F Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9822889 A1 19980528

Application: WO 97US21171 19971119 (PCT/WO US9721171)

Priority Application: US 96755237 19961122

Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE  
DK DK EE EE ES FI FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS .  
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL TJ TM  
TR TT UA UG UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G06F-13:14; H04N-07:173

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11651

English Abstract

Web browser software (31) is implemented in a processing system housed in a set-top box (10) connected to a **television** and communicating over a wide-area network with one or more servers (4). The **browser** allows a user to use a remote **control** device (11) to navigate between hypertext

anchors in World -Wide-Web pages (100) displayed on the television (12). The browser is capable of downloading audio files from Web sites and generating sound through a speaker of the television set (12) based on the audio files. Background music is generated during Web browsing based on audio files download from one of the servers (5) or audio files stored in memory (23) in the set-top box.

#### French Abstract

L'invention porte sur un logiciel (31) d'explorateur Web integre a un systeme de traitement place dans un coffret d'abonne (10) raccorde a un televiseur, et communiquant par un reseau a longue porte avec un ou plusieurs serveurs (4). L'explorateur permet a l'utilisateur d'utiliser un dispositif (11) de telecommande pour naviguer entre les ancrs d'hypertexte de pages (100) du WWW presentees sur le televiseur (12). Le logiciel d'exploration peut telecharger des fichiers audio provenant de sites du Web et diffuser dans le haut-parleur du televiseur (12) des sons sur la base desdits fichiers audio. De la musique de fond est diffusee pendant l'exploration sur la base de fichiers audio telecharges depuis l'un des serveurs (5), ou de fichiers audio enregistres dans la memoire (23) du coffret d'abonne.

23/5/38 (Item 38 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00396571

#### INFORMATION AGGREGATION AND SYNTHESIZATION SYSTEM SYSTEME DE SYNTHETISATION ET DE REGROUPEMENT DE DONNEES

Patent Applicant/Assignee:

THE SABRE GROUP INC,

Inventor(s):

BULL David Stanley,

CARR Robert Neal Jr,

OFFUTT Josphe Robert Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9737314 A1 19971009

Application: WO 96US14893 19960917 (PCT/WO US9614893)

Priority Application: US 9615384 19960401; US 96685805 19960724

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI

GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX

NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ

UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

International Patent Class: G06F-17:30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8447

#### English Abstract

An information aggregation and synthesization system and process. The present invention provides aggregation and packaging of structured or unstructured information from disparate sources such as those available on a network such as the Internet. A network compatible/addressable interface device is operated by a user. The network interface device communicates with local datastores or network accessible datastores via an addressing scheme such as Uniform Resource Locator addresses (URLs) utilized by the Internet. Data passing between the network interface device and the datastores is accessed, polled, and retrieved through an intermediary gateway system. Such aggregated information is then synthesized, customized, personalized and localized to meet the information resource requests specified by the user via the network interface device.

#### French Abstract

Set	Items	Description
S1	38	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHEWS, D? OR JOVAN J? OR JOVAN, J?)
S2	433557	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	590287	BROADCAST? OR RADIO? OR TELEVISION? OR TV?
S4	2920443	CONTROL? ? OR MANAGE? OR COMMAND?
S5	599474	COMPUTER? OR PC OR WEBSITE? OR WEBPAGE? OR WWW OR WORLD()W-IDE()WEB OR INTERNET OR WEB() (SITE? OR PAGE?) OR HOMEPAGE? OR URL OR URLs OR (UNIFORM? OR UNIVERSAL?) ()RESOURCE()LOCATOR? OR BROWSER? OR SOFTWARE?
S6	174468	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	2471229	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SHOW? OR RETRIEV? OR FETCH?
S8	57922	REMOTE()CONTROL?
S9	4	S1 AND S2 AND S3
S10	1774	S2 AND S3 AND S4 AND S5
S11	11402	S2 AND S4 AND S5
S12	36481	S6 AND S7
S13	185	(S10 OR S11) AND S12
S14	23	S13 AND IC=G06F-017/60
S15	6028	S6(S) (EMBED? OR HIDDEN? OR CODE? OR NOISE? OR SOUND? OR CL-AP? OR CLICK OR NOTES?)
S16	1593	S7 AND S15
S17	136220	S4(S)S5
S18	7	S2 AND S3 AND S17 AND S16
S19	30	S14 OR S18 OR S9
S20	30	IDPAT (sorted in duplicate/non-duplicate order)
S21	29	IDPAT (primary/non-duplicate records only)
File 344:CHINESE PATENTS ABS APR 1985-2001/Aug (c) 2001 EUROPEAN PATENT OFFICE		
File 347:JAPIO OCT 1976-2001/JUN(UPDATED 011001) (c) 2001 JPO & JAPIO		
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200158 (c) 2001 Derwent Info Ltd		

Foreign  
Patent  
Database

21/5/1 (Item 1 from f. 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

014037312 \*\*Image available\*\*

WPI Acc No: 2001-521525/200157

XRPX Acc No: N01-386444

**Web browser launching system for computer network, connects computer to web site by receipt and decoding of audio signal with unique code associated with preset destination whose location is not stored in computer**

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: MATHEWS D K ; PHILYAW J J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115021	A2	20010301	WO 2000US21452	A	20000804	200157 B
AU 200064008	A	20010319	AU 200064008	A	20000804	200157

Priority Applications (No Type Date): US 99382427 A 19990824; US 99379699 A 19990824; US 99379700 A 19990824; US 99382371 A 19990824; US 99382373 A 19990824; US 99382375 A 19990824; US 99382425 A 19990824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200115021	A2	E	63 G06F-017/30	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200064008	A		G06F-017/30	Based on patent WO 200115021
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Abstract (Basic): WO 200115021 A2

NOVELTY - Computer (302) has **audio** interface and communication interface (304) coupled to computer network (306). **Audio** input of computer is coupled to **audio** output of source to receive an encoded **audio** signal with unique code associated with preset destination whose location is not stored in computer. Computer program is operated based on receipt and decoding of **audio** signal to connect computer to a web site.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Web browser **launching** method;
- (b) User location interfacing method;
- (c) User location and destination location interconnecting method;
- (d) Method of providing interconnection relationship between product and desired location;

- (e) Product code utilizing method;

- (f) Information accessing method

USE - For computer network.

ADVANTAGE - Performs periodic updates to obtain the current **uniform resource locator** database without downloading information to viewers **computer**. Does not need to have a large database for performing on-line E-commerce. Allows user to access information that is not available on the **broadcast** network and allows **advertiser** to **control** user's **PC** through the use of tones **embedded** within a program **audio** signal.

DESCRIPTION OF DRAWING(S) - The figure illustrates the block diagram of the web browser **launching** system.

Computer (302)

Communication interface (304)

Computer network (306)

pp; 63 DwgNo 16/24

Title Terms: WEB; **LAUNCH** ; SYSTEM; COMPUTER; NETWORK; CONNECT; COMPUTER; WEB; SITE; RECEIPT; DECODE; **AUDIO** ; SIGNAL; UNIQUE; CODE; ASSOCIATE; PRESET; DESTINATION; LOCATE; STORAGE; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-017/30  
File Segment: EPI

21/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014033225 \*\*Image available\*\*

WPI Acc No: 2001-517438/200157

XRPX Acc No: N01-383370

Advertising display device for game machine has advertising  
control unit that outputs either or both image and audio data as well  
as advertising data to monitor

Patent Assignee: NAMCO LTD (NAMC-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001155066	A	20010608	JP 99338033	A	19991129	200157 B

Priority Applications (No Type Date): JP 99338033 A 19991129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001155066	A	10	G06F-017/60	

Abstract (Basic): JP 2001155066 A

NOVELTY - An advertising display control unit (116) obtains  
either or both image and audio data from a data storing unit based on  
a stored parameter table, and outputs the data to a monitor.

Advertising data stored by an advertising data storing unit are also  
output to the monitor by the advertising display control unit.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

(a) an advertising display procedure;

(b) and a computer-readable recording medium.

USE - For game machine.

ADVANTAGE - Outputs image and audio data for advertisement to  
monitor effectively.

DESCRIPTION OF DRAWING(S) - The figure is the block diagram of the  
hardware configuration of a game machine. (Drawing includes non-English  
language text).

Advertising display control unit (116)

pp; 10 DwgNo 1/10

Title Terms: ADVERTISE ; DISPLAY ; DEVICE; GAME; MACHINE; ADVERTISE ;  
CONTROL ; UNIT; OUTPUT; IMAGE; AUDIO ; DATA; WELL; ADVERTISE ; DATA;  
MONITOR

Derwent Class: P36; P85; T01; W04; W05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): A63F-013/00; G09F-027/00;

G09G-005/00

File Segment: EPI; EngPI

21/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014029926 \*\*Image available\*\*

WPI Acc No: 2001-514140/200156

XRPX Acc No: N01-380929

Advertiser location access method over global communication network e.g.  
internet, involves decoding consumer unique signal to obtain routing  
information to predetermined location on network

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: MATHEWS D K ; PHILYAW J J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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WO 200115357 A1 2001030 WO 2000US22037 A 20000811 200156 B  
AU 200066342 A 20010319 AU 200066342 A 20000811 200156

Priority Applications (No Type Date): US 99382376 A 19990824

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200115357 A1 E 57 H04H-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200066342 A H04H-001/00 Based on patent WO 200115357

Abstract (Basic): WO 200115357 A1

NOVELTY - A consumer unique signal has a unique code that correlates with the predetermined network. The unique signal is decoded to extract the unique code based on which routing information to the predetermined location on the network from a consumer computer is determined and it is archived in the consumer computer.

USE - For accessing advertisements, contests, games, news programs, education, coupon promotional programs, demonstration media and photographs through local area network (LAN), wide area network (WAN) and peer-to-peer configuration.

ADVANTAGE - Automatically controls user's PC through an audio-visual broadcast to archive information in the user's PC. Enables broadcast of sports game with additional statistics.

DESCRIPTION OF DRAWING(S) - The figure shows the system interactions over a global network.

pp; 57 DwgNo 3/15

Title Terms: LOCATE; ACCESS; METHOD; GLOBE; COMMUNICATE; NETWORK; DECODE; CONSUME; UNIQUE; SIGNAL; OBTAIN; ROUTE; INFORMATION; PREDETERMINED; LOCATE; NETWORK

Derwent Class: T01; W02; W03

International Patent Class (Main): H04H-001/00

International Patent Class (Additional): G06F-017/30; H04N-005/60; H04N-007/08

File Segment: EPI

21/5/4 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014022830 \*\*Image available\*\*

WPI Acc No: 2001-507044/200156

XRPX Acc No: N01-376353

Browsing cost processing method for use in purchase of video product, involves publishing web page containing string data of organ for commercial transaction

Patent Assignee: XUNLIAN SCITECH CO LTD (XUNL-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001188863	A	20010710	JP 2000273671	A	20000908	200156 B

Priority Applications (No Type Date): TW 99115800 A 19990914

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001188863 A 8 G06F-017/60

Abstract (Basic): JP 2001188863 A

NOVELTY - The default web page with a dynamic link is opened to access the server. The transaction records relevant to an access command is stored for registration and web page containing the string data of an organ is published for performing commercial transaction. When the dynamic link is selected, browsing cost is



calculated based on transaction records.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Browsing cost processing system;
- (b) Media player module

USE - For processing browsing cost through DVD and digital TV player modules for purchasing video products.

ADVANTAGE - The user regenerates various video, audio data using DVD/DTV players effectively. Enables convenient searching and purchasing of video products. The number of callers or the users are increased. The additional income is obtained to the manufacturer's of media player, by adding browsing function to DVD and DTV players.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart explaining browsing cost processing method. (Drawing includes non-English language text).

pp; 8 DwgNo 4/4

Title Terms: COST; PROCESS; METHOD; PURCHASE; VIDEO; PRODUCT; PUBLICATION; WEB; PAGE; CONTAIN; STRING; DATA; ORGAN; COMMERCIAL ; TRANSACTION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G11B-019/02

File Segment: EPI

21/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013991849 \*\*Image available\*\*

WPI Acc No: 2001-476064/200151

XRPX Acc No: N01-352363

Stimulation system for motivating content transmission from wireless communication device, retrieves content from content provider based on request from wireless devices to transmit content to delivery destination

Patent Assignee: AIROMEDIA INC (AIRO-N)

Inventor: HARDY D T; HUFFAKER M; LEITESS J K; MCNAUGHT D; TROXELL B; VENTULETT T P

Number of Countries: 093 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200152148	A1	20010719	WO 2001US1087	A	20010112	200151 B

Priority Applications (No Type Date): US 2000231179 A 20000907; US 2000176279 A 20000114

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200152148 A1 E 24 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

Abstract (Basic): WO 200152148 A1

NOVELTY - A content provider (100) stores content which is pertained to stimuli at various geographic locations. An integrator (110) coupled to wireless communication device (127), receives the request and retrieves content from the content provider based on request of the wireless communication devices to transmit the content to the delivery destination.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for using audio /video stimulus for motivating the transmission of information to wireless communication device.

USE - For using stimulus to motivate the request for transmission of content from wireless communication devices such as PC , laptop computer .

ADVANTAGE - Allows client/advertiser to manage on a real-time

basis, the content an **Advertiser** wishes to provide to **consumers**.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of system for motivating transmission of content from wireless communication device.

Content provider (100)

Integrator (110)

Wireless communication device (127)

pp; 24 DwgNo 1/7

Title Terms: STIMULATING; SYSTEM; MOTIVE; CONTENT; TRANSMISSION; WIRELESS; COMMUNICATE; DEVICE; **RETRIEVAL** ; CONTENT; CONTENT; BASED; REQUEST; WIRELESS; DEVICE; TRANSMIT; CONTENT; DELIVER; DESTINATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013913179 \*\*Image available\*\*

WPI Acc No: 2001-397392/200142

XRPX Acc No: N01-292868

Advertisement **delivering method over** television broadcast and internet **media, involves performing** advertisement broadcast embedded with **unique information to induce consumer to access desired advertiser's location**

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: **MATHEWS D K** ; **PHILYAW J J**

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115038	A2	20010301	WO 2000US21494	A	20000804	200142 B
AU 200066239	A	20010319	AU 200066239	A	20000804	200142

Priority Applications (No Type Date): US 99382423 A 19990824

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200115038 A2 E 62 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200066239 A G06F-017/60 Based on patent WO 200115038

Abstract (Basic): WO 200115038 A2

NOVELTY - The method involves performing an **advertisement broadcast embedded** with unique information to the potential class of consumers for inducing a consumer to access a desired **advertiser's** location like **web page** on consumer's **computer** . On receiving response from one of potential consumers, additional information is provided to consumers.

USE - For delivering **advertisements** through **broadcast** media like **TV** and **radio** for inducing consumer to see **web page** of **advertiser** to get product promotional offers.

ADVANTAGE - Allows **advertiser** to **control** a user's PC through the use of tones **embedded** within a **broadcast** audio signal. The particular routing information stored in the PC is utilized which allows the encoded information in the received **audio** signal to view desired location on the network. Improves marketing efficiency as common **broadcast** service and **internet** to attract customer.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of the system for allowing product promotional offers over the network.

pp; 62 DwgNo 25/29

Title Terms: **ADVERTISE** ; **DELIVER**; **METHOD**; **TELEVISION** ; **BROADCAST** ; **MEDIUM**; **PERFORMANCE**; **ADVERTISE** ; **BROADCAST** ; **EMBED** ; **UNIQUE**;

INFORMATION; INDUCE; CON. E; ACCESS; LOCATE  
Derwent Class: T01; W01; W02  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

21/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013871179 \*\*Image available\*\*  
WPI Acc No: 2001-355391/200137  
XRPX Acc No: N01-258247

Advertisement delivery system over computer network includes client system which processes advertisement interactive portion with automatic voice recognition to identify command from user in response to audio portion

Patent Assignee: PHONE.COM INC (PHON-N)  
Inventor: WITTEMAN B J  
Number of Countries: 094 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133437	A1	20010510	WO 2000US41878	A	20001103	200137 B
AU 200132678	A	20010514	AU 200132678	A	20001103	200149

Priority Applications (No Type Date): US 2000163366 A 20001102; US 99163366 A 19991103

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200133437	A1	E	35	G06F-017/40	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200132678 A G06F-017/40 Based on patent WO 200133437

Abstract (Basic): WO 200133437 A1

NOVELTY - Vendor system (104) aggregates multimedia content into audio click through advertisement (ACT) with audio portion for generating audio output and interactive portion for receiving commands from user. Client system (102) processes ACT advertisement by playing audio portion using interactive portion with automatic voice recognition to identify command from user and in response performing corresponding operation.

DETAILED DESCRIPTION - The client system is selected from a set of devices including cellular phone, two-way radio and wireless personal digital assistant. The vendor system aggregates multimedia information into audio click, through (ACT) and describing a news event.

INDEPENDENT CLAIMS are also included for the following:

- vendor system for aggregating multimedia content;
- Client system capable of processing ACT;
- Audio click through system;
- Creating method of interactive advertisement ;
- Processing method of interactive advertisement ;
- Advertisement delivery method;
- Advertisement usage method for revenue generation;
- Recording medium with advertisement delivering program

USE - For delivering advertisement over computer network such as Internet .

ADVANTAGE - User interactivity enables an advertiser to provide more targeted information while tracking and measuring the effectiveness of advertisement . Intuitive speech interface makes audio click -through easier to use than Internet browsers and other computer based system.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network having audio click through capabilities.

Client system (102)  
Vendor system (104)  
pp; 35 DwgNo 1/8  
Title Terms: **ADVERTISE** ; DELIVER; SYSTEM; **COMPUTER** ; NETWORK; CLIENT;  
SYSTEM; PROCESS; **ADVERTISE** ; INTERACT; PORTION; AUTOMATIC; **VOICE** ;  
RECOGNISE; IDENTIFY; **COMMAND** ; USER; RESPOND; **AUDIO** ; PORTION  
Derwent Class: T01  
International Patent Class (Main): G06F-017/40  
International Patent Class (Additional): **G06F-017/60** ; G06F-019/00  
File Segment: EPI

21/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013859413 \*\*Image available\*\*  
WPI Acc No: 2001-343626/200136  
XRPX Acc No: N01-248830  
Internet based advertising system for delivering advertising  
messages to a user terminal, uses an animated character introduced to the  
user display to deliver the advertisement  
Patent Assignee: UNITED VIRTUALITIES INC (UNVI-N)  
Inventor: TENENBAUM S S  
Number of Countries: 093 Number of Patents: 002  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200135302 A1 20010517 WO 2000US30987 A 20001113 200136 B  
AU 200116569 A 20010606 AU 200116569 A 20001113 200152

Priority Applications (No Type Date): US 99164985 A 19991111  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200135302 A1 E 27 G06F-017/60  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200116569 A G06F-017/60 Based on patent WO 200135302

Abstract (Basic): WO 200135302 A1  
NOVELTY - User monitor (10) monitors access by all users (U) to  
Webserver (W), user identities are supplied to database (20) which  
supplies user information to dynamic page content generator (30) which  
then produces an animated character, Shoshkele, which is inserted in  
the web page to be viewed by the user. The Shoshkele appears on the  
user screen in an intrusive, unpredictable manner outside user control  
, with an advertising message that may include sound .  
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:  
(a) A method of introducing advertising material into multimedia  
content being viewed by a user; ( A method of providing an electronic  
greeting from a sender to a recipient over a computer network; ( A  
system for modifying an image produced by an application program on the  
display screen of a computer .  
USE - For introducing advertising messages into media such as the  
Internet and into software programs.  
ADVANTAGE - The sporadic appearance of the Shoshkele, and its  
entertainment value draw the attention of the user, enhancing its use  
as an advertising symbol, whilst the process can be realized with  
existing technologies.  
DESCRIPTION OF DRAWING(S) - The figure is a functional block  
diagram illustrating a system capable of utilizing the advertising  
process.  
User ((W) Webserver ((10) User monitor ((20) Database ((30) Dynamic  
page content generator. (U)

pp; 27 DwgNo 1/5  
Title Terms: BASED; **ADVERTISE** ; SYSTEM; DELIVER; **ADVERTISE** ; MESSAGE;  
USER; TERMINAL; ANIMATED; CHARACTER; INTRODUCING; USER; **DISPLAY** ;  
DELIVER; **ADVERTISE**  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

21/5/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013843651 \*\*Image available\*\*  
WPI Acc No: 2001-327864/200134  
XRPX Acc No: N01-235915  
**Advertising method over network- broadcast media combination, involves sending user profile information from user's computer to advertiser's location and receiving relative reply identified by unique coded information**  
Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)  
Inventor: **MATHEWS D K** ; **PHILYAW J J**  
Number of Countries: 093 Number of Patents: 002  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200115036 A2 20010301 WO 2000US21374 A 20000804 200134 B  
AU 200065208 A 20010319 AU 200065208 A 20000804 200136

Priority Applications (No Type Date): US 99382372 A 19990824  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200115036 A2 E 62 G06F-017/60  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200065208 A G06F-017/60 Based on patent WO 200115036

Abstract (Basic): WO 200115036 A2  
NOVELTY - User's computer receives **audio** signal from **broadcast** media and responds to unique coded information extracted from **audio** signal by identifying advertiser's location. Identified location is correlated to coded information and relative user profile information is sent to advertiser's location. On receiving the profile, a suitable information is forwarded to connected user from advertiser's location.  
USE - For advertising over **broadcast** media such as **TV** in combination with network e.g. LAN, WAN, Internet.  
ADVANTAGE - Used in e-commerce application allows all information provided to be customized based on user's profile to more readily satisfy particular user's demographic information, desires and/or preferences.  
DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of illustration of interaction between advertiser and user.

pp; 62 DwgNo 29/29  
Title Terms: **ADVERTISE**; METHOD; NETWORK; **BROADCAST** ; MEDIUM; COMBINATION;  
SEND; USER; PROFILE; INFORMATION; USER; COMPUTER; LOCATE; RECEIVE;  
RELATIVE; REPLY; IDENTIFY; UNIQUE; CODE; INFORMATION  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

21/5/10 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013823954      \*\*Image avail e\*\*

WPI Acc No: 2001-308166/200132

Related WPI Acc No: 2001-308165; 2001-308167; 2001-316146; 2001-328234

XRPX Acc No: N01-220538

Product acquiring method through internet, involves enabling customer to pick materials, colors, sizes of desired product and feeding dimensions obtained by designing into downloaded internet program

Patent Assignee: RUUTTU J (RUUT-I)

Inventor: RUUTTU J

Number of Countries: 094    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200124076	A1	20010405	WO 2000FI845	A	20001002	200132    B
AU 200074247	A	20010430	AU 200074247	A	20001002	200142

Priority Applications (No Type Date): FI 992110 A 19990930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200124076	A1	E	44	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200074247	A			G06F-017/60	Based on patent WO 200124076
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Abstract (Basic): WO 200124076 A1

NOVELTY - Customer downloads **internet** program of company that manufactures desired product. The customer designs appearance, picks materials, colors and sizes of product. The customer feeds dimensions and number of product into program and transmits data to manufacturing company's file. The manufacturing company's program selects suitable manufacturing method and working step to achieve customer's requirement.

DETAILED DESCRIPTION - The products designed by customer can be manufactured by coating the products using the methods selected from the group containing chemical metal coating such as silver plating, vacuum evaporation metal coating, chemical metal coating combined with glazing or ceramic coating and firing, ceramic coating. The conditioning and the other coating of the products are carried by the method selected from the group containing laser facing/engraving, hologram production techniques, laser printer techniques, color inkjet and laser printer techniques, silk screen techniques, offset and other known printing techniques, mechanical milling/engraving and grinding laser and water cutting, and 2 or 3 axial work stop processes using impact tools for stone products.

USE - For acquiring products selected from sports equipment like snowboards, surfboards, wind surfers including rails, skate boards, skis, sports wear such as T-shirts, cloth caps, tricots, caps, track-suits, shorts, towels, etc, life jackets, floating jackets, decorative patterns for guns such as shot guns, gift ware and **advertising** articles such as pens, erasers, rulers, calculators, pen casings, etc, cigarette lighters, candles, candle lanterns, candle sticks, briefcases, bags, pocket flasks, shakers, decanters, bottle openers, key holders, lamps such as table lamps, wall lamps, ceiling lamps, **spot** lights, hand lamps, outdoor lamps such as street lights, garden lamps, and park ground lights, clocks such as wristwatches, pocket watches, alarms and other table clocks, wall clocks, stop watches, pulse motors, tableware and related utensils such as forks and knives, spoons, corkscrews, cheese slicers, knife grinders, scissors, chopping boards, bases for kettles, glasses and bottles, trays, pans, casseroles, bowls, metal and ceramic containers and jars, **musical** instruments such as guitars, drums, amplifiers and loudspeaker cabinets, through **internet** or other interfaces.

ADVANTAGE - The manufacturer does not have to manufacture products kept in stock, since the manufacture does not start until the customer has placed an order. Since all the operations such as designing,

transfer through the internet, production control are performed digitally, the finished product always fulfills customer requirement by 100%. Any product injurious to the health, which is hazardous to the customer or the environment can be easily excluded, so that the customer is even unable to create such a product.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram showing part of product pertaining to predefined group.

pp; 44 DwgNo 1/49

Title Terms: PRODUCT; ACQUIRE; METHOD; THROUGH; ENABLE; CUSTOMER; PICK; MATERIAL; SIZE; PRODUCT; FEED; DIMENSION; OBTAIN; DESIGN; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013684012 \*\*Image available\*\*

WPI Acc No: 2001-168236/200117

XRPX Acc No: N01-121367

On-line fulfillment/distribution sharing in product distribution, involves inserting indicia identified relative to network address in web page request by user after identifying network address relative to request

Patent Assignee: FUISZ J M (FUIS-I); FUISZ R C (FUIS-I)

Inventor: FUISZ J M; FUISZ R C

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200065512	A1	20001102	WO 2000US11052	A	20000425	200117 B
AU 200044886	A	20001110	AU 200044886	A	20000425	200117

Priority Applications (No Type Date): US 99314837 A 19990519; US 99131431 A 19990428

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200065512 A1 E 37 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200044886 A G06F-017/60 Based on patent WO 200065512

Abstract (Basic): WO 200065512 A1

NOVELTY - An identifying indicia corresponding the network address is inserted in web page requested by user, on receiving a request for web page from remote user, and the network address corresponding to the request is identified.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following

- (a) shared on-line fulfillment/distribution system;
- (b) method of managing on-line vendors;
- (c) apparatus for managing multiple on-line vendors;
- (d) method of franchising an on-line drug store;
- (e) method of distributing products through on-line reverse franchise;
- (f) method of operating a franchised on-line fulfillment/distribution system;
- (g) franchised on-line fulfillment/distribution system;
- (h) on-line commercial method

USE - For distribution of product using electronic network e.g. Internet e.g. for drug store, book store, music stores.

ADVANTAGE - Encourages multiple vendors to unite and compete with each other. Permits individual stores to establish a cost effective

on-line presence and capitalize on their goodwill and customer loyalties.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of the shared on-line vendor management system.

pp; 37 DwgNo 1A/7

Title Terms: LINE; DISTRIBUTE; SHARE; PRODUCT; DISTRIBUTE; INSERT; INDICIA; IDENTIFY; RELATIVE; NETWORK; ADDRESS; WEB; PAGE; REQUEST; USER; AFTER; IDENTIFY; NETWORK; ADDRESS; RELATIVE; REQUEST

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013674703 \*\*Image available\*\*

WPI Acc No: 2001-158915/200116

XRPX Acc No: N01-115819

Computer network for providing product and services in commercial aircraft, has output kiosks at departure and arrival ports for passenger ordering and connects member computer of passengers with cabin attendants

Patent Assignee: BROTHERSTON D N (BROT-I)

Inventor: BROTHERSTON D N

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063806	A1	20001026	WO 2000US10031	A	20000412	200116 B
AU 200042423	A	20001102	AU 200042423	A	20000412	200116

Priority Applications (No Type Date): US 99129998 A 19990419

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200063806 A1 E 43 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200042423 A G06F-017/60 Based on patent WO 200063806

Abstract (Basic): WO 200063806 A1

NOVELTY - A ground router (17) connects member within a network and provides access to Internet . A computer server (18) manages product inventory, customer data and serves other members in the network with data storage and calculation. Two computer kiosks are preset at departure and arrival ports for passenger ordering.

DETAILED DESCRIPTION - Member computers (11a-11c) are used by passengers of transport vehicle (15) to request and receive services. A member computer (12) is used by an operator crew to request and receive services. Member computers (13a,13b) are used by cabin attendants to manage the delivery of products and services to the passengers. A member computer onboard the vehicle serves other vehicle based members with data storage and calculations and acts as communication gateway to other members in the network. A communication link (16) connects the members of vehicle based domain with ground based domain.

USE - For providing information, such as operational and safety instructions, entertainment and convenience features such as audio , movie, telephone and providing products such as meal, beverages, etc., to passengers of transport vehicle such as commercial aircraft.

ADVANTAGE - Provides wide range of products and services to the passenger more efficiently and with greater revenue potential. Enables eliminating installation and maintenance costs associated with installed entertainment systems, without sacrificing availability of



product, by delivery of entertainment via laptops provided by the customer.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of service providing network.

Member computers (11a-11c, 12, 13a-13b)

Vehicle (15)

Communication link (16)

Ground router (17)

Computer server (18)

pp; 43 DwgNo 1/16

Title Terms: COMPUTER ; NETWORK; PRODUCT; SERVICE; COMMERCIAL ; AIRCRAFT; OUTPUT; KIOSK; DEPART; ARRIVE; PORT; PASSENGER; ORDER; CONNECT; MEMBER; COMPUTER ; PASSENGER; CABIN; ATTEND

Derwent Class: T01; W01; W06

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013653472 \*\*Image available\*\*

WPI Acc No: 2001-137684/200114

XRFX Acc No: N01-100318

Communicating with phone users, presenting advertisements and messages to user during calls has target audience image identified during a video call

Patent Assignee: MT OR ENTERPRISES LTD (MTOR-N)

Inventor: OR T

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200075801	A1	20001214	WO 2000IL313	A	20000531	200114 B
AU 200047769	A	20001228	AU 200047769	A	20000531	200119

Priority Applications (No Type Date): US 99137794 A 19990603

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200075801 A1 E 32 G06F-015/16

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200047769 A G06F-015/16 Based on patent WO 200075801

Abstract (Basic): WO 200075801 A1

NOVELTY - The target audience are identified from the image being transmitted during a video call using a image recognition engine and a voice recognition device, determining and inserting the subject matter for the audience into a video stream being transmitted, which is amending the video stream, and displaying the amended video stream to the targeted audience.

DETAILED DESCRIPTION - When inserting the subject matter the following steps are taken: decoding the incoming video stream; mixing the incoming video stream with the subject matter of interest; encoding the mixed video stream; and transmitting the mixed video stream to the targeted audience. The video stream is transmitted via the internet, and a remote management server and a gateway, which includes a video processing module, are in communication with the internet. The telecommunications link includes any of a group including wireless, PSTN and cellular networks, the wireless networks include any of a group including CDMA, GPRS platform for mobile data networking services, Wideband CDMA, IP protocol integration and platforms for mobile multimedia communications.

USE - For communicating with a targeted audience.

ADVANTAGE - Sending advertisements and messages to targeted audience, which improves the effectiveness of the advertisements .

DESCRIPTION OF DRAWING(S) - The figure shows a schematic flow chart illustration of the criteria for advertisement selection on a communication system.

pp; 32 DwgNo 7/11

Title Terms: COMMUNICATE; TELEPHONE; USER; PRESENT; ADVERTISE ; MESSAGE; USER; CALL ; TARGET; AUDIENCE; IMAGE; IDENTIFY; VIDEO; CALL

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-017/60

File Segment: EPI

21/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013653306 \*\*Image available\*\*

WPI Acc No: 2001-137518/200114

XRPX Acc No: N01-100194

Online digital media data distribution over Internet, involves receiving delivery request from merchant, in content manager after requesting reservation of digital product from content manager

Patent Assignee: LIQUID AUDIO INC (LIQU-N)

Inventor: ANSELL S T; CANNON S A; CHERENSON A R; WISER P R

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200062265	A1	20001019	WO 2000US9273	A	20000407	200114 B
AU 200042108	A	20001114	AU 200042108	A	20000407	200114

Priority Applications (No Type Date): US 99289513 A 19990409

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200062265	A1	E	84	G07F-019/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200042108	A			G07F-019/00	Based on patent WO 200062265
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Abstract (Basic): WO 200062265 A1

NOVELTY - The purchase request and payment data specifying remuneration for digital product, are received in merchant. Reservation request of digital product stored in content manager, is sent to content manager connected to merchant. Delivery request from merchant is received by content manager. Transaction identification data is sent to client and then to delivery system.

DETAILED DESCRIPTION - The transaction identification data that identifies digital product and represents remuneration in accordance with payment data is sent to client after receiving the delivery request from merchant. Then the transaction identification data is transmitted from client computer to delivery system. The digital product is determined in accordance with transaction identification data in delivery system. Then digital product is transmitted from delivery system to client. The signal indicating sending completion of digital product to client, is sent from delivery system to content manager. The purchase data is recorded in content manager and sent to media licensing computer system.

USE - For online distribution of digital media data such as music, video and/or computer software over Internet utilizing client server architecture.

ADVANTAGE - Provides security of digital products in all phases of purchase and delivery transaction throughout the distribution system. Real time decryption reduces the amount of audio image that is

available in memory buffer in unencrypted form at any given moment and thereby reduces the probability of unauthorized access to audio image. Provides consumers with flexibility and ease of use in selection previewing, downloading and transporting of audio and other digital products over wide area computer network. Allows music industry participation to protect their copy rights by securely uploading usage of media from content manager to various rights agents. Allows potential purchases to determine if audio content of media data file is appealing, while ensuring other data that have commercial value viewable only by purchasers. The digital products are digitally signed to prevent them from being changed.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of secure online music distribution system.

pp: 84 DwgNo 1/14

Title Terms: DIGITAL; MEDIUM; DATA; DISTRIBUTE; RECEIVE; DELIVER; REQUEST; MERCHANT; CONTENT; **MANAGE** ; AFTER; REQUEST; RESERVE; DIGITAL; PRODUCT; CONTENT; **MANAGE**

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): G07F-019/00

International Patent Class (Additional): G06F-017/60 ; G07F-017/16

File Segment: EPI

21/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013522346 \*\*Image available\*\*

WPI Acc No: 2001-006552/200101

XRPX Acc No: N01-004703

Remote interactive point access financial and information system for video conferencing, ATM, has call center connected with bank representative station for enabling real time interaction with customer  
Patent Assignee: ANDREAS D L (ANDR-I); KJONAAS D W (KJON-I); NAT CITY BANK (NACI-N)

Inventor: ANDREAS D L; KJONAAS D W

Number of Countries: 090 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200049552	A2	20000824	WO 2000US4269	A	20000218	200101 B
AU 200034967	A	20000904	AU 200034967	A	20000218	200103
US 6223983	B1	20010501	US 99252834	A	19990219	200126
US 20010007332	A1	20010712	US 99252834	A	19990219	200143
			US 2001798407	A	20010302	

Priority Applications (No Type Date): US 99252834 A 19990219; US 2001798407 A 20010302

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200049552 A2 E 59 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200034967 A G06F-017/60 Based on patent WO 200049552

US 6223983 B1 G06F-017/60

US 20010007332 A1 G06F-017/60 Cont of application US 99252834

Cont of patent US 6223983

Abstract (Basic): WO 200049552 A2

NOVELTY - A call center (41) has data entry ports for initiating access and for executing transactions like video conferencing with a bank at representative station (40) via an interface (17). Station (40) and CPU (60) perform operable electrical and data communications with data, voice and image processor, to enable the bank to interact with the customer in real time and to provide customer access to the CPU.

**DETAILED DESCRIPTION** - The interactive point access financial and information system comprises a remote automated teller machine (ATM) (10), the call center (41), a depository (12). The bank representative station (40) includes a CPU, and data, voice and image processor operably connected to the call center (41), station (40) and CPU. The depository includes a security box which is operable via command functions at the station (40). The call center executes desired transactions like deposits, withdraws, loans, and exchanges information with the banker in real time on face to face basis. INDEPENDENT CLAIMS are also included for the following:

(a) method of providing interactive point access banking information;

(b) remote interactive point access virtual financial and information system

**USE** - For providing integrated platform of services like video conferencing, commercial depository, and customized automated teller machine used for dispensing event tickets, discount coupons, cash withdrawal, deposits and providing coupons for bank products and services.

**ADVANTAGE** - The system provides of full service virtual bank to a customer and enables remote transactional engagement, on demand basis at high level of availability like seven days a week, 24 hours a day. Enables the customer to access and execute all major transactions on demand basis and further serves as a medium for information from multiple sources. As the system is operated by computer implemented software, it enables the customer to remotely process check accounts, use a cash card or check card, charge a check, Use infobank, check order/reorder, execute direct deposit authorization, access saving account information and review personal financial profiles. Uses software program logic, which is robust and user friendly, and provides the customer with various options to access and close among various bank services. The call center which is a customer service platform, provides third party services like insurance, travel, investment and similar services which are of general interest to the customer. The interactive video conferencing enables face to face interview and conversation with a bank representative who assists the remote customer in opening new deposit accounts, direct deposit capability, reorder checks, provides general information regarding loans, forward loan applications, discuss additional product offerings of the bank, and answers customer service related questions. The system is modular and expandable to be compatible with emerging technologies like internet /intranet, cellular systems and high bandwidth digital communications, for enabling individual and institutional customers to access full banking services from remote locations.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram representing operational interface of the remote interactive point access financial and information system.

ATM (10)

Depository (12)

Interface (17)

Bank representative station (40)

Call center (41)

CPU (60)

pp; 59 DwgNo 12/12

Title Terms: REMOTE; INTERACT; POINT; ACCESS; FINANCIAL; INFORMATION; SYSTEM; VIDEO; ATM; CALL; CONNECT; BANK; REPRESENT; STATION; ENABLE; REAL; TIME; INTERACT; CUSTOMER

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013193337 \*\*Image available\*\*

WPI Acc No: 2000-365210/200031

XRPX Acc No: N00-273345

**Skill contest providing type subscriber information collection and marketing management system in Internet, tracks received information to allot prizes for best subscriber information apart from referral commission**

Patent Assignee: WORLD STORIES LLC (WORLD-N)

Inventor: NEGIN J; PESKIN D

Number of Countries: 086 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200025244	A1	20000504	WO 99US21470	A	19991020	200031 B
AU 200013085	A	20000515	AU 200013085	A	19991020	200039

Priority Applications (No Type Date): US 98215294 A 19981218; US 98105373 A 19981023

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200025244 A1 E 63 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200013085 A G06F-017/60 Based on patent WO 200025244

Abstract (Basic): WO 200025244 A1

NOVELTY - Submissions of stories, jokes and other information are accepted from each subscriber. The received information is tracked through in house review process. Then, selected winning and interesting or most useful information is **displayed** to entire subscriber base and prizes are given to corresponding subscriber by sponsors. Also commissions are provided to subscriber based on direct/indirect referrals.

USE - For providing contests of skills such as contests for best story, picture/photograph, **audio**, video clip, jokes, best analytic or advisory solution to general or specific problem, reviews about media, services, products such as reviews of restaurants, hotels, movies, **TV shows**, airline service or new car model, puzzles, news, designs, greeting cards, **advertisements**, etc.

ADVANTAGE - Apart from providing prizes to best submission, commissions are provided to each subscriber depending on direct or indirect referrals which enables the enormous financial growth along with raise in information content. Enables to restore size or number of information submission over a particular period for each subscriber by suitable handling system. Provides part-time income to students or housewives, by flexible and useful information providing opportunity. Bonus can be paid to subscriber who attains certain number of subscribers in his certain network which motivates subscribers and increases human efforts and overall results. Provides option to chat with other users which spreads subscriber range. The use of prize sponsors for best submission extends marketing or **advertisement** services.

DESCRIPTION OF DRAWING(S) - The figure **shows** the **WWW** interface for greeting user to the skill contest providing system.

pp; 63 DwgNo 3/25

Title Terms: SKILL; CONTEST; TYPE; SUBSCRIBER; INFORMATION; COLLECT; MARKET ; **MANAGEMENT** ; SYSTEM; TRACK; RECEIVE; INFORMATION; ALLOT; PRIZE; SUBSCRIBER; INFORMATION; APART; COMMISSION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012976023 \*\*Image available\*\*

WPI Acc No: 2000-147872/200013

Related WPI Acc No: 2000-147871; 2000-182788; 2000-223699

XRPX Acc No: N00-109438

**Electronic commerce terminal used in universal advertising and payment system**

Patent Assignee: USA TECHNOLOGIES INC (USTE-N); KOLLS H B (KOLL-I)

Inventor: KOLLS H B

Number of Countries: 087 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200004476	A1	20000127	WO 99US15937	A	19990714	200013 B
AU 9949944	A	20000207	AU 9949944	A	19990714	200029
EP 1099179	A1	20010516	EP 99934021	A	19990714	200128
			WO 99US15937	A	19990714	
US 20010016819	A1	20010823	US 9893475	A	19980720	200151
			US 99293129	A	19990416	
			US 99293358	A	19990416	
			US 99335327	A	19990617	
			US 2000734129	A	20001211	

Priority Applications (No Type Date): US 99335327 A 19990617; US 9893475 A 19980720; US 99293129 A 19990416; US 99293358 A 19990416; US 2000734129 A 20001211

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200004476	A1	E	82	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9949944	A			G06F-017/60	Based on patent WO 200004476
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EP 1099179	A1	E		G06F-017/60	Based on patent WO 200004476
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 20010016819	A1			G06F-017/60	Provisional application US 9893475
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Cont of application US 99293129

Cont of application US 99293358

Div ex application US 99335327

Abstract (Basic): WO 200004476 A1

NOVELTY - A telephone interface controller **controls** usage of telecommunication line. A **display** unit connected with controller, **displays** information. An interactive user response system allows user to interactively transmit data such as **voice**, e-mail, e-commerce transaction and business transaction to local or remote locations.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) electronic mail transmitting method;
- (b) transaction data processing method;
- (c) phone card revaluing method;
- (d) help desk providing method;
- (e) dynamic identification interchange method;
- (f) universal server request servicing method

USE - In e.g. public, private or cellular phone for accessing **internet** to allow operation monitoring and **control** of networks, vending machines in universal **advertising** and payment system.

ADVANTAGE - Enable virtual companies to generate physical point of presence in public may make virtual companies susceptible to competition from physical companies that decide to diversity by developing competing virtual business.

DESCRIPTION OF DRAWING(S) - The figure **shows** flow chart of E-mail, E-commerce and E-business transaction method.

pp; 82 DwgNo 1/18

Title Terms: ELECTRONIC; TERMINAL; UNIVERSAL; **ADVERTISE**; PAY; SYSTEM

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

21/5/18 (Item 18 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012944956 \*\*Image available\*\*  
WPI Acc No: 2000-116809/200010  
XRPX Acc No: N00-088425

Editorial and advertising data management system for newspaper  
edition in World Wide Web ( WWW)  
Patent Assignee: ATEX MEDIA SOLUTIONS INC (ATEX-N)  
Inventor: BERKE S R; CAMERON K; LITVAK J  
Number of Countries: 086 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9966425	A1	19991223	WO 99US13633	A	19990618	200010 B
AU 9946891	A	20000105	AU 9946891	A	19990618	200024

Priority Applications (No Type Date): US 9889867 A 19980619

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9966425	A1	E	104	G06F-017/21	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9946891	A			G06F-017/21	Based on patent WO 9966425
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Abstract (Basic): WO 9966425 A1

NOVELTY - A publishable story or event comprising data content such as text, graphic, video-audio data and an insertion with multiple attributes, are stored in a central database. The contents and insertions are unified as a data structure so as to enable editing of contents and insertions.

DETAILED DESCRIPTION - One of the attribute of insertion relates to destination of data content. The event is publishable in a print medium **broadcast** medium or **internet** . The data content includes a header comprising data field related to format of the content. The data field is automatically generated or inserted by user. An INDEPENDENT CLAIM is also included for a method of creating a publishable story.

USE - For newspaper, magazine, periodicals, directories, catalogues, news letters, inserts edition in **WWW** , also for **advertisement display** .

ADVANTAGE - Enables usage of insertions and components for different publication medium or zones or edition, maintaining structural relationship with unified data structure, thereby eliminating need for creating new file for same story which is to be included in different publication medium, zone or edition. Performs automatic updating of content for other insertion when user modifies an insertion, thereby eliminating need for correction of each insertion appearing in other instances. Tracks each insertion created by one or more user and globally updates change in an individual component to all other similar components in other insertions, thereby saving time and effort required for making multiple copies, and permits users to edit any insertion and component.

DESCRIPTION OF DRAWING(S) - The figure **shows** functional block diagram of data **management** system.

pp; 104 DwgNo 7/12

Title Terms: **ADVERTISE** ; DATA; **MANAGEMENT** ; SYSTEM; NEWSPAPER; EDIT;  
WORLD; WIDE; WEB

Derwent Class: T01

International Patent Class (Main): G06F-017/21

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI

21/5/19 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012907715 \*\*Image available\*\*  
WPI Acc No: 2000-079551/200007  
XRPX Acc No: N00-062816

**Customer information collection and delivery system - analyzes customer information for every fixed time period and then transmits it to mail box for access by user**

Patent Assignee: MIYAYAMA N (MIYA-I)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11327868	A	19991130	JP 98133109	A	19980515	200007 B

Priority Applications (No Type Date): JP 98133109 A 19980515

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11327868	A		12	G06F-003/16	

Abstract (Basic): JP 11327868 A

NOVELTY - An **audio** text data conversion unit (9) converts **audio** data sent out from a aural guide unit (7) upon reception of electronic mail. A database **management** unit (12) stores collected customer information in a database. A database analyzer (13) analyzes the customer information for every fixed time passage which is then transmitted to a mail box in **internet** (14). DETAILED DESCRIPTION - Customer information is manually input via a data entry unit (21). Each user reads out analyzed result using ID and password.

USE - For collection of information regarding newspaper **advertisement** , magazine **advertisement** .

ADVANTAGE - Customers can always collect information regarding various agencies for 24 hours. Storage of collected customer information is performed as a digital database and is utilized for long term strategy. DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of the information delivery system. (7) Aural guide unit; (9) **Audio** text data conversion unit; (12) Database **management** unit; (13) Database analyzer; (14) **Internet** ; (21) Data entry unit.

Dwg.1/7

Title Terms: CUSTOMER; INFORMATION; COLLECT; DELIVER; SYSTEM; CUSTOMER; INFORMATION; FIX; TIME; PERIOD; TRANSMIT; MAIL; BOX; ACCESS; USER

Derwent Class: T01; W01

International Patent Class (Main): G06F-003/16

International Patent Class (Additional): G06F-013/00; **G06F-017/60** ;

H04M-003/42; H04M-011/00

File Segment: EPI

21/5/20 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012786452 \*\*Image available\*\*  
WPI Acc No: 1999-592679/199951  
XRPX Acc No: N99-437336

**Segment structure for multimedia presentations**

Patent Assignee: ARACHNID INC (ARAC-N)  
Inventor: MARTIN J R; RENTMEESTERS C D  
Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 949574	A2	19991013	EP 99301438	A	19990226	199951 B
US 6191780	B1	20010220	US 9847653	A	19980325	200112
MX 9902439	A1	20000701	MX 992439	A	19990312	200134



Priority Applications (No Type Date): US 9847653 A 19980325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 949574	A2	E	7	G06F-017/60	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

US 6191780	B1			G06F-017/00	
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MX 9902439	A1			G06K-009/00	
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Abstract (Basic): EP 949574 A2

NOVELTY - Structure comprises MAC (multiplexed analog component) segments with multimedia **commands** invoking multimedia effects. The **command** includes a tokenized argument and a DAT segment invoking the MAC segment. MAC segment **commands** are protected against alteration by encryption using password protection, and the tokenized argument is flagged in the MAC segment using non-alphanumeric characters.

USE - Segment structure is for multimedia **display** generation and is for use e.g. in **computer** jukeboxes or electronic dart games to **display advertisements**.

ADVANTAGE - Segment structure enables intermediate distribution personnel to produce customized multimedia **displays** such as **advertisements** so that the original creator of the **advertisement** does not need to be directly involved. The segment structure protects certain elements of the **display** from alteration while allowing alteration of others.

DESCRIPTION OF DRAWING(S) - The figure **shows** a **computerized** jukebox storing digital **music** data and running multimedia segment structures.

pp; 7 DwgNo 1/2

Title Terms: SEGMENT; STRUCTURE; PRESENT

Derwent Class: T01; W04; W05

International Patent Class (Main): G06F-017/00; **G06F-017/60** ; G06K-009/00

File Segment: EPI

21/5/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012361491 \*\*Image available\*\*

WPI Acc No: 1999-167598/199914

Related WPI Acc No: 1999-167584; 1999-167585; 1999-167590

XRPX Acc No: N99-122082

**Information dissemination method for product information for viewing by consumers**

Patent Assignee: PICS PREVIEWS INC (PICS-N)

Inventor: STERN M R

Number of Countries: 082 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9908216	A1	19990218	WO 98US16484	A	19980807	199914 B
AU 9889003	A	19990301	AU 9889003	A	19980807	199928

Priority Applications (No Type Date): US 9755708 A 19970808

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9908216	A1	E	66	G06F-017/60	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9889003	A			G06F-017/60	Based on patent WO 9908216
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Abstract (Basic): WO 9908216 A1

NOVELTY - Information stored in a database is transmitted to a site remotely disposed with respect to the database. A perceivable stimulus

if provided from the information to the consumer when the consumer is positioned proximate to the product, such that the stimulus is associated with the product.

**DETAILED DESCRIPTION** - A database (22) contains information concerning multiple products, and provides a perceivable stimulus to a consumer proximate to a site which is positioned remotely with respect to the database. To disseminate the information, a set of **software** modules (NMC 12) implement a set of functionalities which provide centralized **management**, remote distribution and the stimulus. The stimulus is provided by playback of digitally encoded information (48) which may include a stimulus that is either auditory (16), visual (18), tactile or any combination of the stimuli. The stimulus may be provided by a dedicated multimedia kiosk (30) which includes a monitor, and processor having a **sound** card and input e.g. keyboard or mouse. **INDEPENDENT CLAIMS** are included for a method for disseminating information concerning multiple products, and a **computer** program product for carrying out the method of invention.

**USE** - Creating retail **advertisements** at centralized sites, and distributing **adverts** to one of more remote locations in e.g. retail stores.

**ADVANTAGE** - Enables **advertising** of products to consumers while customer is disposed proximate to product being **advertised**, while ensuring consumer is ready to perceive message content of **advertisement**.

**DESCRIPTION OF DRAWING(S)** - The drawing **shows** a system of the digital department system for disseminating information in accordance with the invention.

Information system (10)

**Software** modules (12)

Tactile stimulus (14)

Auditory stimulus (16)

Olfactory stimulus (18)

Database (22)

pp; 66 DwgNo 1/4

Title Terms: INFORMATION; DISSEMINATE; METHOD; PRODUCT; INFORMATION; VIEW; CONSUME

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/22 (Item 22 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012336278 \*\*Image available\*\*

WPI Acc No: 1999-142385/199912

Related WPI Acc No: 1998-297381

XRPX Acc No: N99-103511

**Access free wireless telephony service fulfillment system**

Patent Assignee: JEMAN TECHNOLOGIES INC (JEMA-N)

Inventor: MALACKOWSKI J E; STATHIS K L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5867780	A	19990202	US 95475800	A	19950607	199912 B
			US 97993224	A	19971218	

Priority Applications (No Type Date): US 95475800 A 19950607; US 97993224 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5867780	A		20	H04M-011/00	Cont of application US 95475800 Cont of patent US 5752186

Abstract (Basic): US 5867780 A

**NOVELTY** - The telephone is connected to the on-board **computer** and safety system in the vehicle. The service signal is delivered from the

service **management** center based on abbreviated dialing code from the telephone in the vehicle. The caller is switched from wireless public telecommunication network to the public switch telephone network by translating dialing code to public switch telephone network number. The service signal is transferred to the telephone from the service center. The billing procedure for caller is determined if access is verified.

USE - Is provided with various facilities such as **radio broadcast**, reception, for prompts located in bus, train, in public stadium to provide information of products or services e.g. shopping, food, lodging, gas.

ADVANTAGE - Enables wireless transmission of target messages to passengers of vehicle regarding **advertisements**. Facilitates appropriate assigning **call** placement charges to responsible party. Enables user of vehicle at highways to get information regarding shopping, food, lodging, gas etc. Enables mailing of product/service information to home/business area of user. Enables **audio** listing of local retailers and their addresses or telephone numbers. The opportunity to participate in brief survey is enabled. The safety of passenger is diagnosed through cellular telephone. The data is down loaded to caller's wireless phone through phone receiver automatically. Enables integration of automatic directories of **advertising codes** and concurred transmission of **voice** and data.

DESCRIPTION OF DRAWING(S) - The figure **shows** access code routing process.

pp; 20 DwgNo 3/11

Title Terms: ACCESS; FREE; WIRELESS; TELEPHONE; SERVICE; SYSTEM

Derwent Class: W01; W02

International Patent Class (Main): H04M-011/00

File Segment: EPI

21/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011982045 \*\*Image available\*\*

WPI Acc No: 1998-398955/199834

XRPX Acc No: N98-310371

**Shopping management and advertising device for application to cart handles in supermarket - supports paper or other advertising, and is combined with removable or extractable devices such as calculator, time data display, mini television, bar code scanner, mini computer, audio or sound recorder, with paper message**

Patent Assignee: KAZIANI S A (KAZI-I)

Inventor: RUSSO S; KAZIANI S A

Number of Countries: 076 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9830427	A1	19980716	WO 97EP5928	A	19971027	199834 B
AU 9879946	A	19980803	AU 9879946	A	19971027	199850
IT 1295117	B	19990430	IT 97BA1	A	19970110	200158

Priority Applications (No Type Date): IT 97BA6 A 19970204; IT 97BA1 A 19970110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9830427	A1	E	17 B62B-003/14	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9879946	A	B62B-003/14	Based on patent WO 9830427
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IT 1295117	B	G09F-000/00	
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Abstract (Basic): WO 9830427 A

The apparatus has a mechanism supporting paper or other

advertising material, combined with removable devices or extractable devices. These include a calculator, a time date display, a mini television, a barcode scanner, a mini computer, an audio recorder or a sound recorder.

A plate to which a paper advertising message can be applied has a cover (7) which protects the surface of the message. These are mounted on a support which is joined to the tubular rod of the cart, by use of a counter plate (5). The support (1) also has a plate on which a paper clip device for the shopping list and a pen holder are fixed.

USE - For use on shopping trollies and carts in supermarkets, big distribution halls, airports, train stations and similar for providing advertising.

ADVANTAGE - Gives information or advice for purchases to users in areas such as supermarkets.

Dwg.2/5

Title Terms: SHOPPING; MANAGEMENT ; ADVERTISE ; DEVICE; APPLY; CART; HANDLE; SUPERMARKET; SUPPORT; PAPER; ADVERTISE ; COMBINATION; REMOVE; EXTRACT; DEVICE; CALCULATE; TIME; DATA; DISPLAY ; MINI; TELEVISION ; BAR; CODE ; SCAN; MINI; COMPUTER ; AUDIO ; SOUND ; RECORD; PAPER; MESSAGE

Derwent Class: P85; Q22; T01; T05; W03; W05

International Patent Class (Main): B62B-003/14; G09F-000/00

File Segment: EPI; EngPI

21/5/24 (Item 24 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011814859 \*\*Image available\*\*

WPI Acc No: 1998-231769/199821

XRPX Acc No: N98-183535

Projection and reception method for visual and audio-visual advertising messages - detects number of potential customers within range of display for controlling displayed information with detection of actual customer purchases.

Patent Assignee: LAUSCH H (LAUS-I)

Inventor: LAUSCH H

Number of Countries: 074 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19647341	C1	19980430	DE 1047341	A	19961115	199821 B
WO 9822901	A1	19980528	WO 97EP6267	A	19971111	199827
AU 9853212	A	19980610	AU 9853212	A	19971111	199843
EP 938717	A1	19990901	EP 97950164	A	19971111	199940
			WO 97EP6267	A	19971111	

Priority Applications (No Type Date): DE 1047341 A 19961115

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19647341 C1 9 G06F-017/60

WO 9822901 A1 G G09F-027/00

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9853212 A G06F-017/60 Based on patent WO 9822901

EP 938717 A1 G G06F-017/60 Based on patent WO 9822901

Designated States (Regional): CH ES FR GB IT LI NL SE

Abstract (Basic): DE 19647341 C

The projection and reception method detects the number of potential customers within a sales area, e.g via a number of sensors (4,5,6), for corresponding presentation of visual or audio -visual advertising information. The purchasing characteristics of the potential customers are determined by detecting the purchased products for correlation with the customer data via a computer (8) linked to the customer cash

tills.

USE - For **advertising display** in store, supermarket, or petrol garage etc.

ADVANTAGE - Flexible **control of advertising display** under **control** of customer data.

Dwg.1/11

Title Terms: PROJECT; RECEPTION; METHOD; VISUAL; AUDIO ; VISUAL;  
**ADVERTISE** ; MESSAGE; DETECT; NUMBER; POTENTIAL; CUSTOMER; RANGE; **DISPLAY**  
; **CONTROL** ; **DISPLAY** ; INFORMATION; DETECT; ACTUAL; CUSTOMER; PURCHASE

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/60 ; G09F-027/00

International Patent Class (Additional): G09F-009/30

File Segment: EPI; EngPI

21/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009871747 \*\*Image available\*\*

WPI Acc No: 1994-151660/199418

XRPX Acc No: N94-118981

**Encoding appts. for multi-medium signals to provide computer program signals in audio-visual equipment - detects predetermined portion of program signals and substitutes control signals synchronised with program control signals**

Patent Assignee: GILBARCO LTD (GILB-N); GILBARCO INC (GILB-N)

Inventor: LONG J D

Number of Countries: 002 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9409593	A1	19940428	WO 93GB2113	A	19931013	199418 B
AU 9351540	A	19940509	AU 9351540	A	19921013	199432
US 5535130	A	19960709	US 92959844	A	19921013	199633
			US 95406542	A	19950320	
US 5543849	A	19960806	US 92959844	A	19921013	199637
US 5561715	A	19961001	US 92959844	A	19921013	199645
			US 95406544	A	19950320	

Priority Applications (No Type Date): US 92959844 A 19921013; US 95406542 A 19950320; US 95406544 A 19950320

Cited Patents: EP 493881; EP 532277; GB 2060312; US 4086005; US 4216492; US 5216500; WO 9215175

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9409593	A1	E	23	H04N-007/087	
AU 9351540	A			H04N-007/087	Based on patent WO 9409593
US 5535130	A		11	G06F-017/60	Div ex application US 92959844
US 5543849	A		12	H04N-007/087	
US 5561715	A		10	H04H-005/00	Div ex application US 92959844 Div ex patent US 5543849

Abstract (Basic): WO 9409593 A

The appts. has a detector to sense predetermined portions of the programs signals and a substitution unit to substitute multi-media **control** signals in place of the program signal portions. The program signals are video signals and the detector is a synchronisation separator to separate start-of-frame signals from the video signals.

The substitution unit switches the **control** signals into the video signals after detection of a start-of-frame pulse. The detector also separates a horizontal synchronisation signal from the video signal and the switch stops switching the **control** signals when such a signal is detected after the start-of-frame signal.

USE/ADVANTAGE - Appts. is partic. applicable to petrol pump **showing** transaction information. **Control** information can be encoded in either **audio** or video portion of program. **Commercial** , standard recording and playback equipment may be used, esp. for **audio** encoding.

Dwg.i/5

Title Terms: ENCODE; APPARATUS; MULTI; MEDIUM; SIGNAL; **COMPUTER** ; PROGRAM;  
SIGNAL; **AUDIO** ; VISUAL; EQUIPMENT; DETECT; PREDETERMINED; PORTION;  
PROGRAM; SIGNAL; SUBSTITUTE; **CONTROL** ; SIGNAL; SYNCHRONISATION; PROGRAM;  
**CONTROL** ; SIGNAL  
Derwent Class: T01; T05; W02; W04; X25  
International Patent Class (Main): **G06F-017/60** ; H04H-005/00; H04N-007/087  
International Patent Class (Additional): H04N-005/92  
File Segment: EPI

21/5/26 (Item 26 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05905079 \*\*Image available\*\*  
**SOUNDING** SLAVE STATION TUNING SYSTEM

PUB. NO.: 10-188179 [JP 10188179 A]  
PUBLISHED: July 21, 1998 (19980721)  
INVENTOR(s): MAKIGUCHI SHIGERU  
APPLICANT(s): NIPPON DENKI IDO TSUSHIN KK [000000] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-347825 [JP 96347825]  
FILED: December 26, 1996 (19961226)  
INTL CLASS: [6] G08B-023/00; G10K-007/00  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a siren **sounding** slave station tuning system for improving the operability and reliability of siren **sounding** by registering the addresses of main **spots** inside a fire department **control** area for instance in a **computer** installed in a master station and automatically tuning a siren **sounding** slave station whose **control** area is a disaster generation area from the address when a disaster generation **spot** is confirmed.

SOLUTION: The personnel of the master station 1 inputs the address of the disaster generation **spot** . In the **computer** 11, a memory is **retrieved** , whether or not the one same as the inputted address is present in the addresses of the main **spots** registered beforehand is checked, and when the same one is present, the tuning **code** of the slave station 2a controlling the area is generated from the address. In the master station 1, the tuning **code** is modulated in a modem part 12 and a **radio** transmission part 13 transmits the modulated signals from an antenna 14 as **radio** signals. The slave station 2a receives the **radio** signals from the master station 1 in a **radio** reception part through the antenna, extracts the tuning **code** and inputs it to a judgement part. The judgement part of the slave station 2a sends siren **sounding** signals to a siren **control** part and the siren **control** part drives a siren motor and performs **sounding** .

21/5/27 (Item 27 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05667577 \*\*Image available\*\*  
INFORMATION DISTRIBUTION SYSTEM AND INFORMATION OUTPUT SYSTEM

PUB. NO.: 09-282377 [JP 9282377 A]  
PUBLISHED: October 31, 1997 (19971031)  
INVENTOR(s): OTSUKI KAZUNORI  
APPLICANT(s): DAINIPPON PRINTING CO LTD [000289] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-096436 [JP 9696436]  
FILED: April 18, 1996 (19960418)  
INTL CLASS: [6] **G06F-017/60** ; G06F-019/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information distribution system and information output system which can acquire information on a commodity, etc., at the **spot** where the commodity is purchased.

SOLUTION: Information on commodity sent from a data server 15 to a station is held. When a customer purchases commodity on a **display** rack 17, the bar code of the commodity is read by a bar code reader 19. The read bar code is sent to a **control computer** 13, which **retrieves** commodity information corresponding to the sent bar code from the data server 15 and sends the **retrieved** commodity information to a monitor 21. The monitor 21 outputs the commodity information in the form of a moving picture or **voice**.

21/5/28 (Item 28 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05132199 \*\*Image available\*\*  
SUPPORTING SYSTEM FOR ACTIVITY OF MOBILE OBJECT

PUB. NO.: 08-087699 [JP 8087699 A]  
PUBLISHED: April 02, 1996 (19960402)  
INVENTOR(s): SHIRATORI KENJI  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 06-223269 [JP 94223269]  
FILED: September 19, 1994 (19940919)  
INTL CLASS: [6] G08G-001/127; G01C-021/00; G06F-017/60 ; G09G-005/00;  
G09G-005/36  
JAPIO CLASS: 22.3 (MACHINERY -- Control & Regulation); 34.4 (SPACE  
DEVELOPMENT -- Communication); 44.9 (COMMUNICATION -- Other);  
45.4 (INFORMATION PROCESSING -- Computer Applications);  
46.1 (INSTRUMENTATION -- Measurement

#### ABSTRACT

PURPOSE: To arrange plural mobile objects over a wide area while exactly partially taking the charges of jobs by collecting the position information from the mobile objects connected by **radio** communication.

CONSTITUTION: A position measuring part 11 for mobile objects always measures the positions of mobile objects, the job states of mobile objects are set to an input part 12 by the workers of boarding and each time the **radio** communication of mobile object information such as the measured position information, set state information and stored identification numbers of mobile objects is performed with a head office by the **voices** of the boarding workers, a mobile object information transmitting means 16 transmits the information to the head office by being activated at fixed time intervals based on a clock. Then, a mobile information receiving means 31 of the head office receives the mobile object information and stores it in a mobile object information storage part 26 and corresponding to the received position information of the mobile objects, a **spot** information **retrieving** means 32 **retrieves** a map information storage part 24 and a support information storage part 25. Then, the map, where the mobile objects are positioned, is selected, the support information around it is found out, and the position and support information of mobile objects is **displayed** on a **display** part 22 together with the map by a **spot** information **display** means 33.

21/5/29 (Item 29 from file: 347)  
DIALOG(R)File 347:JAPIO  
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Set	Items	Description
S1	38	AU=(YAW, P? OR YAW P? OR MATHEWS D? OR MATHEWS, D? OR JOVAN J? OR JOVAN, J?)
S2	433557	AUDIO? OR SOUND? OR VOICE? OR MUSIC? OR SPOKEN? OR SPEECH? OR ACOUSTIC?
S3	590287	BROADCAST? OR RADIO? OR TELEVISION? OR TV?
S4	2920443	CONTROL? ? OR MANAGE? OR COMMAND?
S5	585413	COMPUTER? OR PC OR BROWSER? OR SOFTWARE?
S6	174468	AD OR ADVERT? OR COMMERCIAL? OR SPOT? ? OR ADS
S7	2471229	LAUNCH? OR CALL? ? OR PULL? ? OR PUSH? ? OR DISPLAY? OR SH-OW? OR RETRIEV? OR FETCH?
S8	53	S2 AND S3 AND S4 AND S5 AND S6 AND S7
S9	27	S8 AND IC=G06F?
S10	4	S1 AND S2 AND S6
S11	28	S9 OR S10
S12	28	IDPAT (sorted in duplicate/non-duplicate order)
S13	28	IDPAT (primary/non-duplicate records only)
File 344:CHINESE PATENTS ABS APR 1985-2001/Aug (c) 2001 EUROPEAN PATENT OFFICE		
File 347:JAPIO OCT 1976-2001/JUN(UPDATED 011001) (c) 2001 JPO & JAPIO		
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200158 (c) 2001 Derwent Info Ltd		

Foreign  
Patent  
Database

13/5/1 (Item 1 from file 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

014037312 \*\*Image available\*\*

WPI Acc No: 2001-521525/200157

XRPX Acc No: N01-386444

**Web browser launching system for computer network, connects computer to web site by receipt and decoding of audio signal with unique code associated with preset destination whose location is not stored in computer**

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: MATHEWS D K ; PHILYAW J J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115021	A2	20010301	WO 2000US21452	A	20000804	200157 B
AU 200064008	A	20010319	AU 200064008	A	20000804	200157

Priority Applications (No Type Date): US 99382427 A 19990824; US 99379699 A 19990824; US 99379700 A 19990824; US 99382371 A 19990824; US 99382373 A 19990824; US 99382375 A 19990824; US 99382425 A 19990824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200115021	A2	E	63 G06F-017/30	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200064008	A		G06F-017/30	Based on patent WO 200115021
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Abstract (Basic): WO 200115021 A2

NOVELTY - **Computer** (302) has **audio** interface and communication interface (304) coupled to **computer** network (306). **Audio** input of **computer** is coupled to **audio** output of source to receive an encoded **audio** signal with unique code associated with preset destination whose location is not stored in **computer**. **Computer** program is operated based on receipt and decoding of **audio** signal to connect **computer** to a web site.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) **Web browser launching** method;
- (b) User location interfacing method;
- (c) User location and destination location interconnecting method;
- (d) Method of providing interconnection relationship between product and desired location;

- (e) Product code utilizing method;

- (f) Information accessing method

USE - For **computer** network.

ADVANTAGE - Performs periodic updates to obtain the current uniform resource locator database without downloading information to viewers **computer**. Does not need to have a large database for performing on-line E-commerce. Allows user to access information that is not available on the **broadcast** network and allows **advertiser** to control user's **PC** through the use of tones embedded within a program **audio** signal.

DESCRIPTION OF DRAWING(S) - The figure illustrates the block diagram of the **web browser launching** system.

**Computer** (302)

Communication interface (304)

**Computer** network (306)

pp; 63 DwgNo 16/24

Title Terms: WEB; LAUNCH ; SYSTEM; COMPUTER ; NETWORK; CONNECT; COMPUTER ; WEB; SITE; RECEIPT; DECODE; AUDIO ; SIGNAL; UNIQUE; CODE; ASSOCIATE; PRESET; DESTINATION; LOCATE; STORAGE; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-017/30  
File Segment: EPI

13/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014029926 \*\*Image available\*\*  
WPI Acc No: 2001-514140/200156  
XRPX Acc No: N01-380929

Advertiser location access method over global communication network  
e.g. internet, involves decoding consumer unique signal to obtain routing  
information to predetermined location on network  
Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)  
Inventor: MATHEWS D K ; PHILYAW J J  
Number of Countries: 093 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115357	A1	20010301	WO 2000US22037	A	20000811	200156 B
AU 200066342	A	20010319	AU 200066342	A	20000811	200156

Priority Applications (No Type Date): US 99382376 A 19990824

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200115357	A1	E	57	H04H-001/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200066342	A			H04H-001/00	Based on patent WO 200115357
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Abstract (Basic): WO 200115357 A1

NOVELTY - A consumer unique signal has a unique code that  
correlates with the predetermined network. The unique signal is decoded  
to extract the unique code based on which routing information to the  
predetermined location on the network from a consumer computer is  
determined and it is archived in the consumer computer .

USE - For accessing advertisements , contests, games, news  
programs, education, coupon promotional programs, demonstration media  
and photographs through local area network (LAN), wide area network  
(WAN) and peer-to-peer configuration.

ADVANTAGE - Automatically controls user's PC through an audio  
-visual broadcast to archive information in the user's PC . Enables  
broadcast of sports game with additional statistics.

DESCRIPTION OF DRAWING(S) - The figure shows the system  
interactions over a global network.

pp; 57 DwgNo 3/15

Title Terms: LOCATE; ACCESS; METHOD; GLOBE; COMMUNICATE; NETWORK; DECODE;  
CONSUME; UNIQUE; SIGNAL; OBTAIN; ROUTE; INFORMATION; PREDETERMINED;  
LOCATE; NETWORK

Derwent Class: T01; W02; W03

International Patent Class (Main): H04H-001/00

International Patent Class (Additional): G06F-017/30 ; H04N-005/60;

H04N-007/08

File Segment: EPI

13/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013913295 \*\*Image available\*\*  
WPI Acc No: 2001-397508/200142  
Related WPI Acc No: 2001-397513; 2001-397531  
XRPX Acc No: N01-292966

Apparatus for saving enhanced information contained in content sent to a wireless communication device using a remotely programmable microcomputer-controlled multimedia device to receive the data

Patent Assignee: MOTOROLA INC (MOTI )

Inventor: GUBKA S; HEDE W S; LEE J S; WEISSHAAR B P; WHARTON K E

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122249	A1	20010329	WO 2000US25934	A	20000921	200142 B
AU 200076006	A	20010424	AU 200076006	A	20000921	200142

Priority Applications (No Type Date): US 2000665726 A 20000920; US 99155500 A 19990922

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200122249	A1	E	32 G06F-015/18	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200076006	A		G06F-015/18	Based on patent WO 200122249
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Abstract (Basic): WO 200122249 A1

NOVELTY - A multimedia device (20) includes a **computer** (50) running an operating system and applications and channels are organized into a hierarchy so that they are easily selected on a screen, while **audio broadcast** channels (42) are organized by **broadcast** format and a listener configures organization through a remote device (40) via the Internet gateway network (30). The device can tune to **radio** stations by format, to direct Internet access for storing **audio broadcasts**, to **advertising** databases, navigation services, personalized **broadcasts** and personal information event notices. A **computer** (60) downloads the information in the manner customized using the remote device.

USE - Saving enhanced information contained in content sent to a vehicle wireless communication device.

ADVANTAGE - Automatic tuning to comparable station formats when moving between areas and downloading all **audio** formats and **broadcasts** in the area.

DESCRIPTION OF DRAWING(S) - The drawing **shows** a block diagram of the system

Multimedia device (20)

**Computers** (50,60)

**Broadcast** channels (42)

Internet gateway network (30)

Remote device (40)

pp; 32 DwgNo 1/5

Title Terms: APPARATUS; SAVE; ENHANCE; INFORMATION; CONTAIN; CONTENT; SEND; WIRELESS; COMMUNICATE; DEVICE; REMOTE; PROGRAM; MICROCOMPUTER; **CONTROL** ; DEVICE; RECEIVE; DATA

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-015/18

International Patent Class (Additional): G06F-015/40 ; G06F-017/00 ;

H04M-011/00

File Segment: EPI

13/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013913264 \*\*Image available\*\*

WPI Acc No: 2001-397477/200142

XRPX Acc No: N01-292939

Application layer information packets routing method for distributed community network, involves determining targets for receiving packet

based on hierarchical routing information and transmitting them to targets

Patent Assignee: ACTV INC (ACTV-N); ACTV CORP (ACTV-N)

Inventor: ABATO M R; DUDA C R; HARRINGTON J M; ULLMAN C D

Number of Countries: 086 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200120468	A1	20010322	WO 2000US25180	A	20000914	200142	B
AU 200059438	A	20010322	AU 200059438	A	20000915	200142	
AU 200073795	A	20010417	AU 200073795	A	20000914	200142	
CN 1288313	A	20010321	CN 2000124856	A	20000915	200142	
EP 1087565	A2	20010328	EP 2000308045	A	20000915	200142	
EP 1107535	A2	20010613	EP 2000308060	A	20000915	200142	
GB 2359708	A	20010829	GB 200022707	A	20000915	200150	
JP 2001177579	A	20010629	JP 2000279807	A	20000914	200152	
GB 2359958	A	20010905	GB 200022712	A	20000915	200152	

Priority Applications (No Type Date): US 99396693 A 19990915

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200120468	A1	E	95	G06F-013/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): EA GH GM KE LS MW MZ OA SD SL SZ TZ UG ZW

AU 200059438	A		H04L-012/56	
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AU 200073795	A		G06F-013/00	Based on patent WO 200120468
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CN 1288313	A		H04L-012/28	
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EP 1087565	A2	E	H04L-012/00	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

EP 1107535	A2	E	H04L-029/06	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

GB 2359708	A		H04L-012/28	
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JP 2001177579	A	83	H04L-012/56	
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GB 2359958	A		H04L-012/56	
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Abstract (Basic): WO 200120468 A1

NOVELTY - A packet including an indication of hierarchical routing information and video, **audio** or multimedia content is received using a network service. Targets are determined in the network (202) based on the routing information, for receiving the packet. The packet including a uniform resource identifier is transmitted to the determined targets using **push /pull** service (228).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Application layer information packets routing apparatus;
- (b) Application layer information packets routing system;
- (c) Content providing method over a distributed community network;
- (d) **Computer** readable medium for storing packets routing program;
- (e) Distributed community network;
- (f) Server for providing additional information;
- (g) System for receiving content

USE - For distributing content with combined **television** /video programming and internet resources over a distributed community network such as local area network, wide area network, internet of intranet for educational applications, etc.

ADVANTAGE - By using hubs to assist in routing of packets, the burden of routing **control** at a corresponding server is decreased, so the reliability and efficiency of the network are increased. The system allows consumers to receive more information in more efficient manner than either **TV** or internet alone. Avoids tedious searching of internet by consumers, as necessary material can be filtered and delivered to consumer automatically by program producer. Since additional information can be given to consumers automatically,

advertisements can be substantive. The distribution system supports either analog or digital television broadcasts without broadcasters or endusers having to alter their existing systems, thus enabling broadcasters to reach wide audience within short time.

DESCRIPTION OF DRAWING(S) - The figure shows the physical network configuration for distributed community network using packets routing method.

Network (202)

Push /pull service (228)

pp; 95 DwgNo 10A/14

Title Terms: APPLY; LAYER; INFORMATION; PACKET; ROUTE; METHOD; DISTRIBUTE; COMMUNAL; NETWORK; DETERMINE; TARGET; RECEIVE; PACKET; BASED; HIERARCHY; ROUTE; INFORMATION; TRANSMIT; TARGET

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00 ; H04L-012/00; H04L-012/28; H04L-012/56; H04L-029/06

International Patent Class (Additional): H04N-007/173

File Segment: EPI

13/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013913179 \*\*Image available\*\*

WPI Acc No: 2001-397392/200142

XRPX Acc No: N01-292868

Advertisement delivering method over television broadcast and internet media, involves performing advertisement broadcast embedded with unique information to induce consumer to access desired advertiser's location

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: MATHEWS D K ; PHILYAW J J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115038	A2	20010301	WO 2000US21494	A	20000804	200142 B
AU 200066239	A	20010319	AU 200066239	A	20000804	200142

Priority Applications (No Type Date): US 99382423 A 19990824

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200115038 A2 E 62 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200066239 A G06F-017/60 Based on patent WO 200115038

Abstract (Basic): WO 200115038 A2

NOVELTY - The method involves performing an advertisement broadcast embedded with unique information to the potential class of consumers for inducing a consumer to access a desired advertiser's location like web page on consumer's computer. On receiving response from one of potential consumers, additional information is provided to consumers.

USE - For delivering advertisements through broadcast media like TV and radio for inducing consumer to see web page of advertiser to get product promotional offers.

ADVANTAGE - Allows advertiser to control a user's PC through the use of tones embedded within a broadcast audio signal. The particular routing information stored in the PC is utilized which allows the encoded information in the received audio signal to view desired location on the network. Improves marketing efficiency as common broadcast service and internet to attract customer.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

the system for allowing product promotional offers over the network.

pp; 62 DwgNo 25/29

Title Terms: **ADVERTISE** ; **DELIVER**; **METHOD**; **TELEVISION** ; **BROADCAST** ;  
MEDIUM; PERFORMANCE; **ADVERTISE** ; **BROADCAST** ; **EMBED**; **UNIQUE**; **INFORMATION**  
; **INDUCE**; **CONSUME**; **ACCESS**; **LOCATE**  
Derwent Class: T01; W01; W02  
International Patent Class (Main): **G06F-017/60**  
File Segment: EPI

13/5/6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013905371 \*\*Image available\*\*

WPI Acc No: 2001-389584/200141

XRPX Acc No: N01-286591

User enabling method for placing network content on client in mobile communication, involves surfing channels during off-line by reading pages cached by clients

Patent Assignee: AVANTGO INC (AVAN-N); FREEMAN J E (FREE-I); GRAY M R (GRAY-I); KLOBA D D (KLOB-I); MOORE D M (MOOR-I); UPSON L M (UPSO-I); WEINSTEIN R Z (WEIN-I); WHITTAKER T E (WHIT-I); WILLIAMS D J (WILL-I)  
Inventor: FREEMAN J E; GRAY M R; KLOBA D D; MOORE D M; UPSON L M; WEINSTEIN R Z; WHITTAKER T E; WILLIAMS D J

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200118688	A2	20010315	WO 2000US11438	A	20000428	200141 B
AU 200046744	A	20010410	AU 200046744	A	20000428	200142

Priority Applications (No Type Date): US 2000189969 A 20000317; US 99393390 A 19990910; US 99173807 A 19991230

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200118688	A2	E	143	G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200046744 A G06F-017/30 Based on patent WO 200118688

Abstract (Basic): WO 200118688 A2

NOVELTY - Client (108) is requested to view contents, and one or more channels are identified by interacting with server (104). Client is synchronized with server and the identified channels are gathered to be sent to client. The client caches the channels using which the channels are surfed, during off-line state.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Client server synchronizing method;

(b) User enabling method to create customized channels

USE - For using interactive application while on-line and off-line on mobile devices such as handheld **computers** , cellular phones, Internet enabled phones, pagers, **radios** , **televisions** , **audio** devices, car **audio** systems, recorders, text to **speech** devices, bar code scanners, net appliances, mini **browsers** , personal data assistants (PDA), etc.

ADVANTAGE - Enables mobile devices to operate in conjunction with web server, even when mobile devices are not coupled directly to personal **computer** using portable on-device servers. Enables web pages to be located, viewed, cached and deleted even when the device is not coupled to any network. Enables mobile devices to operate in conjunction with web, Internet or Intranet via connection mechanism and then disconnected mode or with web, Internet or Intranet in wireless mode with continuous or discontinuous connection mechanism. Provides

technique for interact connectivity between handheld computers and computer networks. Enables fleet management to centrally administer information in handheld network environment including user data, user groups, group channels, channel data, personal channel, commercial channels, user accounts, corporate accounts, software grouping, personal information management, form delivery, form management, device configuration, device databases, device contents and device parameters. Enables obtaining updated web pages and other network objects for use when mobile device is not communication with PC.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of data processing environment.

Server (104)

Client (108)

pp; 143 DwgNo 1A/63

Title Terms: USER; ENABLE; METHOD; PLACE; NETWORK; CONTENT; CLIENT; MOBILE; COMMUNICATE; SURF; CHANNEL; LINE; READ; PAGE; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

13/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013871179 \*\*Image available\*\*

WPI Acc No: 2001-355391/200137

XRPX Acc No: N01-258247

Advertisement delivery system over computer network includes client system which processes advertisement interactive portion with automatic voice recognition to identify command from user in response to audio portion

Patent Assignee: PHONE.COM INC (PHON-N)

Inventor: WITTEMAN B J

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133437	A1	20010510	WO 2000US41878	A	20001103	200137 B
AU 200132678	A	20010514	AU 200132678	A	20001103	200149

Priority Applications (No Type Date): US 2000163366 A 20001102; US 99163366 A 19991103

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200133437 A1 E 35 G06F-017/40

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200132678 A G06F-017/40 Based on patent WO 200133437

Abstract (Basic): WO 200133437 A1

NOVELTY - Vendor system (104) aggregates multimedia content into audio click through advertisement (ACT) with audio portion for generating audio output and interactive portion for receiving commands from user. Client system (102) processes ACT advertisement by playing audio portion using interactive portion with automatic voice recognition to identify command from user and in response performing corresponding operation.

DETAILED DESCRIPTION - The client system is selected from a set of devices including cellular phone, two-way radio and wireless personal digital assistant. The vendor system aggregates multimedia information into audio click, through (ACT) and describing a news event.

INDEPENDENT CLAIMS are also included for the following:

- vendor system for aggregating multimedia content;
- Client system capable of processing ACT;



(c) **Audio** click through system;  
(d) Creating method of interactive **advertisement** ;  
(e) Processing method of interactive **advertisement** ;  
(f) **Advertisement** delivery method;  
(g) **Advertisement** usage method for revenue generation;  
(h) Recording medium with **advertisement** delivering program  
USE - For delivering **advertisement** over **computer** network such as Internet.

ADVANTAGE - User interactivity enables an **advertiser** to provide more targeted information while tracking and measuring the effectiveness of **advertisement** . Intuitive **speech** interface makes **audio** click-through easier to use than Internet **browsers** and other **computer** based system.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network having **audio** click through capabilities.

Client system (102)

Vendor system (104)

pp; 35 DwgNo 1/8

Title Terms: **ADVERTISE** ; **DELIVER**; **SYSTEM**; **COMPUTER** ; **NETWORK**; **CLIENT**;  
**SYSTEM**; **PROCESS**; **ADVERTISE** ; **INTERACT**; **PORTION**; **AUTOMATIC**; **VOICE** ;  
**RECOGNISE**; **IDENTIFY**; **COMMAND** ; **USER**; **RESPOND**; **AUDIO** ; **PORTION**

Derwent Class: T01

International Patent Class (Main): **G06F-017/40**

International Patent Class (Additional): **G06F-017/60** ; **G06F-019/00**

File Segment: EPI

13/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013843651 \*\*Image available\*\*

WPI Acc No: 2001-327864/200134

XRPX Acc No: N01-235915

Advertising method over network-broadcast media combination, involves sending user profile information from user's computer to advertiser's location and receiving relative reply identified by unique coded information

Patent Assignee: DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: **MATHEWS D K** ; **PHILYAW J J**

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115036	A2	20010301	WO 2000US21374	A	20000804	200134 B
AU 200065208	A	20010319	AU 200065208	A	20000804	200136

Priority Applications (No Type Date): US 99382372 A 19990824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200115036	A2	E	62	G06F-017/60
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200065208	A		G06F-017/60	Based on patent WO 200115036
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Abstract (Basic): WO 200115036 A2

NOVELTY - User's computer receives **audio** signal from broadcast media and responds to unique coded information extracted from **audio** signal by identifying **advertiser** 's location. Identified location is correlated to coded information and relative user profile information is sent to **advertiser** 's location. On receiving the profile, a suitable information is forwarded to connected user from **advertiser** 's location.

USE - For **advertising** over broadcast media such as TV in combination with network e.g. LAN, WAN, Internet.

ADVANTAGE - Used in e-commerce application allows a user's information provided to be customized based on user's profile to more readily satisfy particular user's demographic information, desires and/or preferences.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of illustration of interaction between advertiser and user.

pp; 62 DwgNo 29/29

Title Terms: **ADVERTISE** ; METHOD; NETWORK; BROADCAST; MEDIUM; COMBINATION; SEND; USER; PROFILE; INFORMATION; USER; COMPUTER; LOCATE; RECEIVE; RELATIVE; REPLY; IDENTIFY; UNIQUE; CODE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013718258 \*\*Image available\*\*

WPI Acc No: 2001-202488/200120

XRPX Acc No: N01-144490

Computer based information retrieval system has speech interface including speech commands retrieved from database and application software operated by speech commands from cellular telephone

Patent Assignee: ISRAELI G (ISRA-I); SPINTRONICS LTD (SPIN-N); TE-ENI B (TEEN-I)

Inventor: ISRAELI G; TE-ENI B

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200067091	A2	20001109	WO 2000IL246	A	20000430	200120 B
AU 200041414	A	20001117	AU 200041414	A	20000430	200120

Priority Applications (No Type Date): US 99131491 A 19990429

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200067091 A2 E 67 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200041414 A G06F-000/00 Based on patent WO 200067091

Abstract (Basic): WO 200067091 A2

NOVELTY - The information retrieval system comprises recognition engine to convert speech retrieved from subscriber's telephone handset to commands. A speech interface includes speech commands based on command option information retrieved from a database to which additional speech commands are added. An application software is operated by speech command originating from cellular telephone.

DETAILED DESCRIPTION - The application software includes content database which has reference information, tools for calculation, games and other general information to be supplied to subscribers, according to the commands. A profile database stores, updates and retrieves personal data regarding preferences of the subscriber. An INDEPENDENT CLAIM is also included for natural language engine that interacts with recognition engine.

USE - Used for organizing access and interaction with information and media over cellular network applications including ordering goods and services, news dissemination application, road directions, transportation application, ordering news, stores and songs on the electronic media. Also for financial and commerce transactions via cellular network.

ADVANTAGE - Integrates the capabilities of wireless communication

and internet for accessing electronic data, information and **advertising** in a single easily negotiable format. Allows access to wide range of services such as media songs, **advertisements**, news **broadcast** by making access simple and easy to use. With profile database, the system allows extensive personalization and customization options recognizing each user's **voice** and **speech** patterns. Since the information access is in **audio** format, the user is not required to refer to GUI or visual **display** and also access is hands-free with **voice commands**. The **speech** or WAP **commands** facilitate easy downloading and provide quick specific answers. Thus, the system conserves time, money and resources involved in data access and **retrieval** in a dynamic, efficiency and entertaining format.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of information **retrieval** system.

pp; 67 DwgNo 1/10

Title Terms: **COMPUTER** ; **BASED**; **INFORMATION**; **RETRIEVAL** ; **SYSTEM**; **SPEECH** ; **INTERFACE**; **SPEECH** ; **COMMAND** ; **RETRIEVAL** ; **DATABASE**; **APPLY**; **SOFTWARE** ; **OPERATE**; **SPEECH** ; **COMMAND** ; **CELLULAR**; **TELEPHONE**

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

13/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013662346 \*\*Image available\*\*

WPI Acc No: 2001-146558/200115

XRPX Acc No: N01-107264

**Centrally controlled, customizable digital broadcast network, has digital broadcast stations that transmit any combination of music, videos, audible and visual advertisement**

Patent Assignee: NCT GROUP INC (NCTN-N)

Inventor: **LEBOVICS I**; **PARRELLA M J**

Number of Countries: 022 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200058860	A1	20001005	WO 2000US7942	A	20000323	200115 B

Priority Applications (No Type Date): US 99281086 A 19990330

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200058860	A1	E	22	G06F-017/00	

Designated States (National): BR CA JP KR

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

Abstract (Basic): WO 200058860 A1

NOVELTY - The digital **broadcast** stations (4) **broadcast** any combination of **music**, videos, audible and visual **advertisements**. The information about persons who visited the venues installed with the stations, are stored in a station demographic database (2). A central controller (3) coupled to program database (1) and database (2) administers entire network by downloading to and receiving information from the station.

DETAILED DESCRIPTION - **Music**, videos audible and visual **advertisements** are stored in a program database (1). The central controller located remotely from the digital **broadcast** stations, comprises one or more servers (7), **computer** workstation and call directors (6). INDEPENDENT CLAIMS are also included for the following:

(a) information **broadcasting** method;

(b) customizable digital **broadcast** stations administering method;

(c) **advertisement** distributing method in digital **broadcast** network

USE - For **broadcasting** **music**, videos and also for **broadcasting** audible and visual **advertisements** to markets of health care, sports and fitness, restaurants and bars, lodging, etc.

**ADVANTAGE** - Allows **advertisers** to conduct targeted **audible** and **visual advertising** campaigns within the network. Enables digital **broadcast** stations to **broadcast** **audio** and video information without satellites or transmission towers. Allows **advertisers** to strategically select the desired digital **broadcast** station to carry their **advertisements** and **broadcasting** day and time. The use of text to **speech** system in conjunction with the digital **broadcast** network, minimizes the production cost associated with the audible programming. Enables transmitting entire multimedia information including coordinated **audio** and video programming designed to accentuate **advertisements** and entertainment in **commercial** establishments and other similar vehicles.

**DESCRIPTION OF DRAWING(S)** - The figure shows digital **broadcast** network.

Program database (1)  
Database (2)  
Central controller (3)  
Digital **broadcast** stations (4)  
Call directors (6)  
Servers (7)  
pp; 22 DwgNo 1/4

Title Terms: CENTRAL; CONTROL ; DIGITAL; BROADCAST ; NETWORK; DIGITAL; BROADCAST ; STATION; TRANSMIT; COMBINATION; MUSIC ; AUDIBLE; VISUAL; ADVERTISE

Derwent Class: T01; W03; W04; W05

International Patent Class (Main): G06F-017/00

File Segment: EPI

13/5/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013227926 \*\*Image available\*\*  
WPI Acc No: 2000-399800/200034  
XRPX Acc No: N00-299506

Personal computer based system for driving multiple screens, includes display controllers which are addressed from one of the PCI and accelerated graphics port buses and are connected to control the display screen

Patent Assignee: CHECKOUT HOLDINGS LTD (CHEC-N)  
Inventor: RAHEMTULLA K  
Number of Countries: 089 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200029934	A1	20000525	WO 99GB2854	A	19990831	200034 B
JP 2000148110	A	20000526	JP 99233307	A	19990819	200034
AU 9955269	A	20000605	AU 9955269	A	19990831	200042
GB 2348307	A	20000927	WO 99GB2854	A	19990831	200051
			GB 200010818	A	20000504	
JP 2001166760	A	20010622	JP 99233307	A	19990819	200140
			JP 2000302934	A	19990819	
EP 1131696	A1	20010912	EP 99941776	A	19990831	200155
			WO 99GB2854	A	19990831	

Priority Applications (No Type Date): GB 9825107 A 19981116

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200029934 A1 E 21 G06F-003/14

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

JP 2000148110 A 7 G09G-005/00

AU 9955269 A G06F-003/14 Based on patent WO 200029934

GB 2348307 A G06F-003/14 Based on patent WO 200029934

JP 2001166760 A 8 G09 05/00 Div ex application JP 33307  
EP 1131696 A1 E G06F-003/14 Based on patent WO 200029934  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200029934 A1

NOVELTY - The PC has processor bus for sending data to and from processor (10), and accelerated graphics port (AGP) bus (20), PCI bus (18) are also provided for sending data to and from input-output devices. A system chip set is connected to processor, AGP and PCI buses. Two **display** controllers are coupled to AGP and PCI buses to **control display** screen. Each controller is addressed from one of PCI and AGP buses.

USE - For driving multiple screens of PCs used in hospital, retail industries. Also used in EPOS touch screen terminals, promotional **advertising**, time of day promotions, children's games and loyalty type systems in retail environment, interactive customer terminals, creation of lifestyle ambience via **television**, **music**, multimedia capabilities, kiosk terminals, information distribution in hotel environment, etc.

ADVANTAGE - Since the screens of multiple **display** are independently driven from the same PC processor using single motherboard and chipset, cost of running per screen is reduced considerably.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of personal **computer** based system.

Processor (10)  
PCI bus (18)  
AGP bus (20)  
pp; 21 DwgNo 4/4

Title Terms: PERSON; **COMPUTER**; BASED; SYSTEM; DRIVE; MULTIPLE; SCREEN;  
**DISPLAY**; **CONTROL**; ADDRESS; ONE; ACCELERATE; GRAPHIC; PORT; BUS;  
CONNECT; **CONTROL**; **DISPLAY**; SCREEN

Derwent Class: P85; T01; T04

International Patent Class (Main): G06F-003/14 ; G09G-005/00

International Patent Class (Additional): G06F-003/153 ; G09G-003/20

File Segment: EPI; EngPI

13/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013083929 \*\*Image available\*\*

WPI Acc No: 2000-255801/200022

XRPX Acc No: N00-190149

Computerized **pager** for storing and managing information in which the **preprogrammed profiles** include one or more queries of different scope that are constantly compared to the information being received

Patent Assignee: RHOADES D (RHOA-I)

Inventor: ALONSO I; RHOADES D E; SANCHELIMA J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6035352	A	20000307	US 97961677	A	19971031	200022 B

Priority Applications (No Type Date): US 97961677 A 19971031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6035352	A	6	G06F-013/00	

Abstract (Basic): US 6035352 A

NOVELTY - Information **management** device comprises of **preprogrammed profiles** include one or more queries of different scope that are constantly compared to the information being received. If there are matches, predetermined blocks of information are transferred from a buffered section of the memory to a temporary section for additional processing, such as indexing.

DETAILED DESCRIPTION - The device also includes a circuit for storing **audio** , receiving **commercial broadcast** signals, input devices such as a keyboard, an **acoustic** telephone dialer, an LCD **display** and alarms to alert the user that predetermined conditions are met. Cooperative **software** for synchronizing the data and instructions contained in the device with another **computer** system through serial or parallel ports is also provided.

USE - For **computerized** pager.

ADVANTAGE - Information **management** device is capable of efficiently using the different components that are required to perform information detection, recording and transmission that are necessary for a user with the efficient use of the limited memory resources available. **Management** of the memory resources permits a user to hold the information that he or she deems important for a predetermined amount of time.

DESCRIPTION OF DRAWING(S) - The algorithm **shown** is for the information storage processing.

pp; 6 DwgNo 3/3

Title Terms: PAGE; STORAGE; **MANAGE** ; INFORMATION; PREPROGRAMMED; PROFILE; ONE; MORE; QUERY; SCOPE; CONSTANTLY; COMPARE; INFORMATION; RECEIVE  
Derwent Class: T01; W05  
International Patent Class (Main): **G06F-013/00**  
International Patent Class (Additional): G08B-005/22  
File Segment: EPI

13/5/13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012638161 \*\*Image available\*\*  
WPI Acc No: 1999-444265/199937  
XRPX Acc No: N99-331343

**Building wide information infrastructure providing system that allows wireless transfer of video, audio, control, and computer. etc. information**  
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG ); PHILIPS AB (PHIG )  
Inventor: BRYAN D; DASGUPTA A; GHOSH M; HULYALKAR S; LETAVIC T; MELNIK G; MUKHERJEE S; SATYANARAYANA S

Number of Countries: 019 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9935788	A2	19990715	WO 98IB2037	A	19981214	199937 B
EP 962076	A2	19991208	EP 98957095	A	19981214	200002
			WO 98IB2037	A	19981214	

Priority Applications (No Type Date): US 972559 A 19971231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9935788	A2	E	15	H04L-012/28	
Designated States (National): JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 962076	A2	E		H04L-012/28	Based on patent WO 9935788
Designated States (Regional): DE FR GB					

Abstract (Basic): WO 9935788 A2

NOVELTY - A **radio** frequency access unit receives converted network specific inputs and forwarding to one or more **radio** frequency wireless networks (110). A number of end user applications or end user devices (120,130) ,140,150,160) wherein the **radio** frequency wireless networks convey data (110) to the end user applications or end user devices, or the end user applications or end user devices convey data to the **radio** frequency wireless networks (110).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for: a method of exchanging data among devices and applications using different data formats and protocols and a public network interface

unit.

USE - In wireless universal building information infrastructure for allowing standardized plug-and-play interactions and interfaces inside a building between a system delivering information and the devices or applications that will consume the delivered information.

ADVANTAGE - Allows wireless transfer of video, audio, control, and computer etc. information. Radio frequency (RE) wireless communication is used for performance, ease of interconnection, and relocate-ability used in commercial buildings and residential homes

DESCRIPTION OF DRAWING(S) - The drawing shows a typical office building having several intra-building wireless networks.

RF wireless networks (110)

end user devices (120,130,140,150,160)

pp; 15 DwgNo 3/3

Title Terms: BUILD; WIDE; INFORMATION; SYSTEM; ALLOW; WIRELESS; TRANSFER; VIDEO; AUDIO; CONTROL; COMPUTER; INFORMATION

Derwent Class: W01; W02

International Patent Class (Main): H04L-012/28

International Patent Class (Additional): G06F-013/12; H04Q-007/20

File Segment: EPI

13/5/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012325544 \*\*Image available\*\*

WPI Acc No: 1999-131651/199911

XRPX Acc No: N99-095948

Distribution system of advertisements to authorised recipients - displays recorded advertisements to recipient according to recipient requests

Patent Assignee: VIRTEL CORP (VIRT-N)

Inventor: LEVITAN G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5864823	A	19990126	US 97881934	A	19970625	199911 B

Priority Applications (No Type Date): US 97881934 A 19970625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5864823	A		11	G06F-015/21	

Abstract (Basic): US 5864823 A

NOVELTY - Transmitter at distribution centre (10) transmits preliminary messages about advertisements presenting various products and services which are received by a receiver at recipient's site. A server (18) at the recipient site stores recipient's data determining recipient's interests in suitable products and services.

Advertisements whose content matches recipient's interest is selected and its access data is stored. A control unit coupled to server and recorder provides reception and recording of selected advertisements during transmission. The recorded advertisements are then presented to recipient corresponding to recipient requests. DETAILED DESCRIPTION - Transmitter and receiver are connected to one way non-addressable communication medium. Each preliminary message specifies content of advertisement and its access data includes time of transmission. A computer (16) receives authorisation message through a modem and uses access data to control the channel selector.

USE - For electronic delivery of information products such as newspapers magazines, books, music, video and computer software to authorised recipient's. For television and internet based electronic commerce. For use in supermarket, departmental store.

ADVANTAGE - Provides home shopping system that uses advertiser's Web address brought by recorded commercial to automatically link recipient's computer to advertiser's Web site. Provides fast local and global virtual delivery of information product using authorisation

and bills. Bypasses internet and attains unlimited number of recipient's by low volume communication. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of integrated telecommunication system for E-commerce. (10) Distribution centre; (16) Computer ; (18) Server.  
Dwg.2/5

Title Terms: DISTRIBUTE; SYSTEM; **ADVERTISE** ; AUTHORISE; RECIPIENT;  
**DISPLAY** ; RECORD; **ADVERTISE** ; RECIPIENT; ACCORD; RECIPIENT; REQUEST  
Derwent Class: T01  
International Patent Class (Main): **G06F-015/21**  
File Segment: EPI

13/5/15 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012075304 \*\*Image available\*\*  
WPI Acc No: 1998-492215/199842  
XRPX Acc No: N98-385345

Scene development system for programme of e.g. animation, fictional movie, displayed comic - uses controller of personal computer, which receives sent on-the-spot video of each image pick-up device, to show received on-the-spot video corresponding to predetermined scene on display device

Patent Assignee: KUJIRATA M (KUJI-I)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10215448	A	19980811	JP 97287820	A	19971003	199842 B

Priority Applications (No Type Date): JP 96283065 A 19961003

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 10215448 A 13 H04N-007/18

Abstract (Basic): JP 10215448 A

The system includes several image pick-up device each having a camera (12,12a,12b) and a microphone (13,13b,13c) for the image pick-up of large number scene of a predetermined place that can be indicated to a public. A video transmitter sends each input on-the-spot video from the image pick-up device to a personal computer (1) through a management computer (11) for relay service, using a cable or an electromagnetic wave.

The personal computer receives the transmitted on-the-spot video at the image pick-up real time. The controller (2) of the personal computer records the identification data for the received on-the-spot video of each image pick-up device. The received on-the-spot video corresponding to the scene is shown by the personal computer to its display device (7).

USE - Applicable to e.g. drama movie, video game, karaoke music video, TV broadcast .

ADVANTAGE - Enables developing scene of different programmes.  
Actual situation of arbitrary points can be offered at real time.

Dwg.1/3

Title Terms: SCENE; DEVELOP; SYSTEM; PROGRAMME; ANIMATED; MOVIE; **DISPLAY** ;  
**COMIC**; **CONTROL** ; PERSON; **COMPUTER** ; RECEIVE; SEND; **SPOT** ; VIDEO; IMAGE  
; PICK-UP; DEVICE; **SHOW** ; RECEIVE; **SPOT** ; VIDEO; CORRESPOND;  
**PREDETERMINED**; SCENE; **DISPLAY** ; DEVICE  
Derwent Class: T01; W02  
International Patent Class (Main): H04N-007/18  
International Patent Class (Additional): **G06F-013/00** ; **G06F-017/30**  
File Segment: EPI

13/5/16 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011395139    \*\*Image available\*\*

WPI Acc No: 1997-373046/199734

XRPX Acc No: N97-309730

**Room-based video conferencing system - in which pixels are added to image formed by computer having video-conferencing imager that provides image having fewer pixels than full size image, to provide sufficient pixels for full image**

Patent Assignee: INTEL CORP (ITLC )

Inventor: IRETON S D; LIU C K

Number of Countries: 074    Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9725677	A1	19970717	WO 97US314	A	19970110	199734    B
US 5675512	A	19971007	US 96584183	A	19960111	199746
AU 9715314	A	19970801	AU 9715314	A	19970110	199748
			WO 97US314	A	19970110	

Priority Applications (No Type Date): US 96584183 A 19960111

Cited Patents: 1.Jnl.Ref; US 5375068; US 5557728

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9725677	A1	E	8	G06F-017/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

US 5675512	A		4	G06F-017/00	
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AU 9715314	A			G06F-017/00	Based on patent WO 9725677
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Abstract (Basic): WO 9725677 A

The video-conferencing system includes several stations each of which includes a **computer** (12) running a windowing operating system and Proshare (RTM) (e.g. video-conferencing **software** and hardware system for PCs). A communications link (30) connects the **computer** (12) and one or more of the video- conferencing stations. Video (16) and **audio** (14) input devices are connected to the **computer** (12).

A DCI-enables video card (18) is connected to the **computer** . A NTSC converter (24) is connected to the output of the DCI-enabled graphics card (20) and one or more NTSC **television** monitors (26,28) are connected to the NTSC converter (24). Proshare **manages** the video-conferencing sessions and provides a small video image. The DCI-enabled video-card (18) stretches the small proshare image to a full screen image which is then converted by the NTSC converter (24) and **displayed** on a NTSC monitor (28).

USE/ADVANTAGE - Room-based video-conferencing using **commercially** available hardware and **software** components. Allows seamless data-conferencing. Enables image stretching to expand low pixel count image provided by proshare to pixel count for full sized image.

Dwg.1/1

Title Terms: ROOM; BASED; VIDEO; SYSTEM; PIXEL; ADD; IMAGE; FORMING; **COMPUTER** ; VIDEO; IMAGE; IMAGE; PIXEL; FULL; SIZE; IMAGE; SUFFICIENT; PIXEL; FULL; IMAGE

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/00

File Segment: EPI

13/5/17    (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011388489    \*\*Image available\*\*

WPI Acc No: 1997-366396/199734

XRPX Acc No: N97-304533

**Information processing system with voice control facility - automatically activates voice control system, with program and**

multi-lingual translation stored on permanent disk in syst

Patent Assignee: KASPAR E A (KASP-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2743166	A1	19970704	FR 9515797	A	19951228	199734 B

Priority Applications (No Type Date): FR 9515797 A 19951228

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2743166	A1	7		

Abstract (Basic): FR 2743166 A

The information processing system is built around a **commercial** home **computer** system with integral CD-ROM drive reader and **sound** facilities. The system incorporates disk storage and drives a **television** set for the **display**. An infrared controller is provided with the system.

In addition to the controllers, a **voice control** facility (11,12) is incorporated. The **voice control** is automatically activated by the operating system. A program on a permanent disk questions the user to determine the operations to be controlled. The disk storage holds multiple language support for the **voice control**.

USE/ADVANTAGE - Extends use of **commercial** home **computer** system to extend recreational, educational and professional applications.

Dwg.2/3

Title Terms: INFORMATION; PROCESS; SYSTEM; **VOICE** ; **CONTROL** ; FACILITY; AUTOMATIC; ACTIVATE; **VOICE** ; **CONTROL** ; SYSTEM; PROGRAM; MULTI; LINGUAL; TRANSLATION; STORAGE; PERMANENT; DISC; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/00

International Patent Class (Additional): G06F-003/00

File Segment: EPI

13/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009887883 \*\*Image available\*\*

WPI Acc No: 1994-167798/199420

Related WPI Acc No: 1992-208544; 1992-208545; 1992-276818; 1992-390308

XRPX Acc No: N94-132036

Broadcasting **system** for music with accompanying words - stores, broadcasts, **receives** and displays accompanying words of music being **simultaneously** broadcast, including real-time indication of word or phrase being sung

Patent Assignee: MANKOVITZ R J (MANK-I); YUEN H C (YUEN-I)

Inventor: MANKOVITZ R J; YUEN H C; YUN H C

Number of Countries: 046 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9410761	A1	19940511	WO 93US10037	A	19931020	199420 B
TW 225070	A	19940611	TW 93109339	A	19931108	199427
AU 9454088	A	19940524	WO 93US10037	A	19931020	199434
			AU 9454088	A	19931020	
US 5408686	A	19950418	US 91657477	A	19910219	199521
			US 91737211	A	19910729	
			US 92969013	A	19921030	
EP 673568	A1	19950927	EP 93924378	A	19931020	199543
			WO 93US10037	A	19931020	
US 5526284	A	19960611	US 91657477	A	19910219	199629
			US 91737211	A	19910729	
			US 92969013	A	19921030	
			US 95407192	A	19950320	
JP 8503110	W	19960402	WO 93US10037	A	19931020	199645
			JP 94511149	A	19931020	
US 5561849	A	19961001	US 91657477	A	19910219	199645

			US 91737211	A	19910729	
			US 92969013	A	19921030	
			US 95424065	A	19950418	
CN 1091567	A	19940831	CN 93120738	A	19931030	199715
US 37131	E	20010410	US 91657477	A	19910219	200122
			US 91737211	A	19910729	
			US 92969013	A	19921030	
			US 97844061	A	19970418	

Priority Applications (No Type Date): US 92969013 A 19921030; US 92969012 A 19921030; US 91657477 A 19910219; US 91737211 A 19910729; US 95407192 A 19950320; US 95424065 A 19950418; US 97844061 A 19970418

Cited Patents: US 4379947; US 4534054; US 5063610; US 5119503

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9410761	A1	E	5	H04B-007/00	
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Designated States (National): AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

TW 225070	A			H04H-005/00	
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AU 9454088	A			H04B-007/00	
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US 5408686	A		29	H04B-001/00	
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Based on patent WO 9410761

Div ex application US 91657477

CIP of application US 91737211

Div ex patent US 5134719

CIP of patent US 5161251

EP 673568	A1	E	5	H04B-007/00	
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Based on patent WO 9410761

Designated States (Regional): BE DE DK FR GB IT NL

US 5526284	A		28	H04B-001/00	
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Div ex application US 91657477

CIP of application US 91737211

Div ex application US 92969013

Div ex patent US 5134719

CIP of patent US 5161251

Div ex patent US 5408686

JP 8503110	W		69	H04H-005/00	
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Based on patent WO 9410761

US 5561849	A		28	H04B-001/16	
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Div ex application US 91657477

CIP of application US 91737211

Div ex application US 92969013

Div ex patent US 5134719

CIP of patent US 5161251

Div ex patent US 5408686

CN 1091567	A			H04H-005/00	
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US 37131	E			H04B-001/00	
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Div ex application US 91657477

CIP of application US 91737211

Div ex patent US 5134719

CIP of patent US 5161251

Reissue of patent US 5408686

Abstract (Basic): WO 9410761 A

The **audio broadcasting** system includes an **audio music** source (150) that provides a data output and an analogue **audio** signal output. A **computer** (158) receives the data and generates lyric text data and lyric timing **commands**. A sub carrier generator (162) generates a subcarrier signal for carrying the lyric text and timing **command**.

An FM transmitter (152) **broadcasts** a composite signal that combines (164) the analogue **audio** signal with the subcarrier signal. The subcarrier signal is transmitted in a burst before the analogue signal of the associated **music** selection is **broadcast**. A lyric **display** unit (166) receives the composite signal, separates and decodes the subcarrier signal and **displays** and highlights lyrics according to the lyric text data and lyric timing **commands** decoded from the subcarrier signal.

USE/ADVANTAGE - **Broadcasting music** and lyrics simultaneously to provide real-time indication of when each word or phase of lyrics is being sung in accompanying **music broadcast**. Enables listener to identify **broadcast music** selections rapidly and accurately.

Title Terms: **BROADCAST** ; **SYSTEM**; **MUSIC** ; **ACCOMPANIED**; **WORD**; **STORAGE**;  
**BROADCAST** ; **RECEIVE**; **DISPLAY** ; **ACCOMPANIED**; **WORD**; **MUSIC** ; **SIMULTANEOUS**;  
**BROADCAST** ; **REAL-TIME**; **INDICATE**; **WORD**; **PHRASE**  
Derwent Class: P85; P86; W02  
International Patent Class (Main): H04B-001/00; H04B-001/16; H04B-007/00;  
H04H-005/00  
International Patent Class (Additional): **G06F-013/10** ; G09G-005/00;  
G10K-015/04; H04B-001/04; H04B-001/06  
File Segment: EPI; EngPI

13/5/19 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009846836 \*\*Image available\*\*  
WPI Acc No: 1994-126692/199415  
XRPX Acc No: N94-099394

**Printed coupon dispenser for retail outlet - controls scrolling sign in response to sensed presence of consumers, and provides record of number and types of coupons ordered from each location**

Patent Assignee: IE&E IND INC (IEEI-N)  
Inventor: AXLER M W; NANSOUR A L; ZINK D J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5305197	A	19940419	US 92969022	A	19921030	199415 B

Priority Applications (No Type Date): US 92969022 A 19921030

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5305197	A	13	G06F-015/22	

Abstract (Basic): US 5305197 A

A system for printing consumer selected items includes a central **computer** , a **display** of various types of consumer items, a keyboard interfaced with the central **computer** to allow a consumer to select one of the **displayed** items, a printer enabling an item to be printed in response to the consumer selection, and a sensor interfaced with the central **computer** to sense the presence of a consumer in the vicinity of the system. The system further includes a memory which stores the types and amounts of consumer items ordered and further records the operation of the sensor to determine how often the consumer is in the vicinity of the system.

The **computer** receives inputs from the keyboard, and causes particular consumer items to be printed by the printer in response to the keyboard signal. The keyboard is keyed to correspond to various items **displayed** on the **display** . The **computer** receives signals from the sensor and **controls** a scroll sign, including **audio** signals, which scrolls messages. The scroll sign is changed from attractant to instructional messages when a consumer is sensed in the vicinity.

USE/ADVANTAGE - Eg appts. supplying information relating to classified **advertisements** , personal **ads** , used cars, boats, manufacturers rebates, map and directions, travel tour guides, historical landmark information, library card index machines, pharmaceutical appts. for providing information on medicine, recipes, catalog **showrooms** , fast food selection, general store directory, new cars, personal loans, office building directory, sporting event, train and aeroplane schedule, weather information, movie theatre guide, **radio** frequency guide, **television** schedules, news agenda, survey and polling, telephone directory, stock quote and bookstore directories.

Dwg.13/14

Title Terms: **PRINT**; **COUPON**; **DISPENSE**; **RETAIL**; **OUTLET**; **CONTROL** ; **SCROLL**;  
**SIGN**; **RESPOND**; **SENSE**; **PRESENCE**; **CONSUME**; **RECORD**; **NUMBER**; **TYPE**; **COUPON**;  
**ORDER**; **LOCATE**  
Derwent Class: T01; T04; T05  
International Patent Class (Main): **G06F-015/22**

International Patent Class (Additional): G06F-015/24 ; G06G-007/48;  
G06G-007/52; G07G-001/12  
File Segment: EPI

13/5/20 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

009483218 \*\*Image available\*\*  
WPI Acc No: 1993-176753/199322  
XRPX Acc No: N93-135442

Advertising **system using computer to control display - has programme to blend advertising with background information on television screen**

Patent Assignee: EISTERT T (EIST-I); WOLFRAM H (WOLF-I)

Inventor: EISTERT T; WOLFRAM H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4216617	A1	19930527	DE 4216617	A	19920520	199322 B

Priority Applications (No Type Date): DE 4216617 A 19920520

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4216617	A1		4 G06F-015/21	

Abstract (Basic): DE 4216617 A

The system alternately **displays** a sequence of pictures on a screen. The pictures **show** not only the logo of the product but also additional words and an associated **sound** track is played.

A **computer** programme (1) is used to produce blending of one or more **advertising** sections (2) with the background information. Pauses can be used (3) to establish interaction with the viewer.

ADVANTAGE - Allows **advertising** to be interactive with viewer.  
on  
Dwg.1/1

Title Terms: **ADVERTISE ; SYSTEM; COMPUTER ; CONTROL ; DISPLAY ; PROGRAMME; BLEND; ADVERTISE ; BACKGROUND; INFORMATION; TELEVISION ; SCREEN**

Derwent Class: P85; T01; W05

International Patent Class (Main): G06F-015/21

International Patent Class (Additional): G09F-019/00; G09F-023/00

File Segment: EPI; EngPI

13/5/21 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

004552025  
WPI Acc No: 1986-055369/198608  
XRPX Acc No: N86-040537

**Video sound and system control circuit - has software selectable keyboard latch input and three independently controlled interrupt generating timers**

Patent Assignee: COMMODORE BUSINESS MACHINES (COMM-N)

Inventor: AHRENS B F; DIORIO D W; RAIBLE R J; YANG C E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4569019	A	19860204	US 83500996	A	19830603	198608 B

Priority Applications (No Type Date): US 83500996 A 19830603

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4569019	A	10		

Abstract (Basic): US 45690 A

Programmable input/output interface circuitry provides video and audio signals, to a commercial colour television type display monitor and may be implemented in HMOS, (H type metal oxide semiconductor) large-scale-integrated circuitry. The system architecture allows for reduced chip count, and improved reliability while providing adequate synchronisation pulses, luminance level signals, chrominance phase shift signals, raster control and cursor control video and three independently controlled audio voices.

A software selectable keyboard latch input, speed processing for faster operation when outside the active display area or during blanking, all system control signals necessary for system operation and 3 independently controlled interrupt generating timers are also provided.

Title Terms: VIDEO; SOUND ; SYSTEM; CONTROL ; CIRCUIT; SOFTWARE ; SELECT ; KEYBOARD; LATCH; INPUT; THREE; INDEPENDENT; CONTROL ; INTERRUPT; GENERATE; TIME

Derwent Class: T01

International Patent Class (Additional): G06F-003/15 ; G06F-015/44

File Segment: EPI

13/5/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO

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05820878 \*\*Image available\*\*  
INFORMATION SERVICE SYSTEM

PUB. NO.: 10-103978 [JP 10103978 A]  
PUBLISHED: April 24, 1998 (19980424)  
INVENTOR(s): MIYAJI KIYOKAZU  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-258285 [JP 96258285]  
FILED: September 30, 1996 (19960930)  
INTL CLASS: [6] G01C-021/00; G06F-013/00 ; G06F-019/00 ; G08G-001/0969; G09B-029/00  
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation); 34.4 (SPACE DEVELOPMENT -- Communication); 44.9 (COMMUNICATION -- Other); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R087 (PRECISION MACHINES -- Automatic Banking)

#### ABSTRACT

PROBLEM TO BE SOLVED: To locate the installation place of an automatic cash transaction device capable of being handled by a customer from a remote place and to enhance serviceability by installing the division which acquires information on the transaction device converts it into a transmission data train, and makes a transmission control and an information receiving terminal which transmits and receives data and decodes received data so as to be expressed audiovisually.

SOLUTION: A terminal control device 11 at a bank communicates with respective cash transaction devices 13 so as to acquire information handling items or the like. The control device 11 creates a data train to be transmitted such as information on the longitude and the latitude of its own device installation place, an advertisement and the like, and it repeats a transmitting operation at the strength of radio waves which can be received within several hundred meters in the circumference. A receiver 66 receives the radio waves, and it can receive radio waves from a GPS satellite. An information receiving terminal 61 has a function to display information on every transaction device 13, it synthesizes the information on every transaction device 13 with a GPS screen, and it displays a bank name. Thereby, the present state of every transaction device can be grasped, and a user can at once go to the installation place of every automatic cash transaction device to which he wants to go and which is

operated at present.

13/5/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05630262 \*\*Image available\*\*  
DISASTER INFORMATION GATHERING AND MANAGING SYSTEM

PUB. NO.: 09-245062 [JP 9245062 A]  
PUBLISHED: September 19, 1997 (19970919)  
INVENTOR(s): KATO TAKATOSHI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-050381 [JP 9650381]  
FILED: March 07, 1996 (19960307)  
INTL CLASS: [6] G06F-017/40 ; G06F-017/30  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications);  
28.9 (SANITATION -- Other  
JAPIO KEYWORD:R108 (INFORMATION PROCESSING -- Speech Recognition &  
Synthesis)

#### ABSTRACT

PROBLEM TO BE SOLVED: To accurately judge conditions and to take a quick initial dispatch attitude by quickly and automatically gathering damage conditions or the like unmeasurable by a sensor without manual aid, storing them inside a data base and quickly processing the damage conditions or the like changed every moment.

SOLUTION: After voice sent from a person on a spot side through a disaster prevention radio network 2 and a fire fighting radio network 3 is voice - recognized and made into a character string by a disaster condition data gathering device 4, by a data base construction device 6, the disaster condition data are separated into fire information for fire fighting and disaster information for disaster prevention and the disaster information is stored in a data base management device 7 for disaster prevention. Simultaneously, the fire information is stored in the data base management device 8 for fire fighting, the retrieval processing and sum-up processing, etc., of the disaster prevention information and the fire information are made possible by a disaster condition management device 9 and disaster conditions are recognized.

13/5/24 (Item 24 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05132199 \*\*Image available\*\*  
SUPPORTING SYSTEM FOR ACTIVITY OF MOBILE OBJECT

PUB. NO.: 08-087699 [JP 8087699 A]  
PUBLISHED: April 02, 1996 (19960402)  
INVENTOR(s): SHIRATORI KENJI  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 06-223269 [JP 94223269]  
FILED: September 19, 1994 (19940919)  
INTL CLASS: [6] G08G-001/127; G01C-021/00; G06F-017/60 ; G09G-005/00;  
G09G-005/36  
JAPIO CLASS: 22.3 (MACHINERY -- Control & Regulation); 34.4 (SPACE  
DEVELOPMENT -- Communication); 44.9 (COMMUNICATION -- Other);  
45.4 (INFORMATION PROCESSING -- Computer Applications);  
46.1 (INSTRUMENTATION -- Measurement

#### ABSTRACT

PURPOSE: To arrange plural mobile objects over a wide area while exactly partially taking the charges of jobs by collecting the position information

from the mobile objects collected by **radio** communication.

CONSTITUTION: A position measuring part 11 for mobile objects always measures the positions of mobile objects, the job states of mobile objects are set to an input part 12 by the workers of boarding and each time the **radio** communication of mobile object information such as the measured position information, set state information and stored identification numbers of mobile objects is performed with a head office by the **voices** of the boarding workers, a mobile object information transmitting means 16 transmits the information to the head office by being activated at fixed time intervals based on a clock. Then, a mobile information receiving means 31 of the head office receives the mobile object information and stores it in a mobile object information storage part 26 and corresponding to the received position information of the mobile objects, a **spot** information retrieving means 32 retrieves a map information storage part 24 and a support information storage part 25. Then, the map, where the mobile objects are positioned, is selected, the support information around it is found out, and the position and support information of mobile objects is **displayed** on a **display** part 22 together with the map by a **spot** information **display** means 33.

13/5/25 (Item 25 from file: 347)

DIALOG(R) File 347:JAPIO

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04991477 \*\*Image available\*\*

ELECTRONIC CONFERENCE TERMINAL

PUB. NO.: 07-284077 [JP 7284077 A]

PUBLISHED: October 27, 1995 (19951027)

INVENTOR(s): ONO KENZO

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-068372 [JP 9468372]

FILED: April 06, 1994 (19940406)

INTL CLASS: [6] H04N-007/15; G06F-015/00 ; H04L-012/18; H04M-011/06

JAPIO CLASS: 44.6 (COMMUNICATION -- **Television** ); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 44.3 (COMMUNICATION -- Telegraphy); 44.4 (COMMUNICATION -- Telephone); 45.4 (INFORMATION PROCESSING -- **Computer** Applications)

JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

#### ABSTRACT

PURPOSE: To realize a small **PC** electronic conference terminal at a low cost by connecting an animation and a **voice** CODEC to a **computer** bus through the use of general use **PC** and a network control part for an ISDN line.

CONSTITUTION: In an animation CODEC part 300, a video signal from a camera 51 is **AD** -converted 32, compressed and encoded 30 and these are **fetched** to a memory 13 in CPU 10. In a same way, in the **voice** CODEC part 400, a **voice** signal from a microphone 52 is A/D converted 42, compressed and encoded 40 and queuing to the memory 13 is conducted in **PC** 100. **PC** 100 transmits the animation and **voice** information of the memory 13 to the network control part 200. **PC** 100 separates AV multiplexed information from the control part 200 into **voice**, the animation, data and a bit assigning signal. Then, **PC** 100 respectively transmits **voice** information and animation information to the **voice** CODEC part 400 and an animation CODEC part 300. The CODEC parts 300 and 400 respectively conduct **display** in a **display** part 50 and drive a speaker 53.

13/5/26 (Item 26 from file: 347)

DIALOG(R) File 347:JAPIO

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04154228      \*\*Image available\*\*  
DIGITAL IMAGE TRANSMITTER

PUB. NO.: 05-145928 [JP 5145928 A]  
PUBLISHED: June 11, 1993 (19930611)  
INVENTOR(s): ITO KEIJI  
APPLICANT(s): HITACHI ZOSEN CORP [000511] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-334432 [JP 91334432]  
FILED: November 21, 1991 (19911121)  
INTL CLASS: [5] H04N-007/18; G06F-015/62 ; G08B-013/196  
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television** ); 44.9 (COMMUNICATION -- Other); 45.4 (INFORMATION PROCESSING -- **Computer Applications**)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: E, Section No. 1439, Vol. 17, No. 535, Pg. 24, September 27, 1993 (19930927)

#### ABSTRACT

PURPOSE: To monitor and detect the approach and invasion of a moving target by detecting the appearance and direction of a **sound** source peculiar for a fishing boat by an **acoustic** processor, photographing the **sound** source direction, processing a photographed image and outputting the information of the photographed image when the target is detected.

CONSTITUTION: Microphones 7a-9b at a **sound** collecting part 6 detects **acoustic** signals in X, Y and Z directions from a monitoring fishing **spot**, those signals are processed by an **acoustic** processor 12, and the appearance and direction of the **sound** source are detected. The detected result is transmitted to a controller 15, and the device 15 transmits a driving **control** signal to a scanner 4, **controls** the photographic direction of a video camera 5 and instructs the photographing to an image processor 14. The device 14 executes the photographic drive of the camera 5, and the photographed image is **fetched** and held. The image is digitally processed by an image processing board 23 and according to the aspect ratio of the target, a poaching boat 27 is detected. Next, the image is compressed by an image compressing board, quantized, encoded and transmitted through a communication cable 19 to a controller 20 by a controller 18. The device 20 **displays** the poaching boat 27 on a **display** device 21.

13/5/27      (Item 27 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04097484      \*\*Image available\*\*  
METHOD FOR COMBINING ITEM RECEIVED BY **TELEVISION** WITH RELATED DATA BASE AND ITS DEVICE

PUB. NO.: 05-089184 [JP 5089184 A]  
PUBLISHED: April 09, 1993 (19930409)  
INVENTOR(s): NISHIZAWA TOSHIJI  
APPLICANT(s): DENNOU SHOKAI KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-273567 [JP 91273567]  
FILED: September 26, 1991 (19910926)  
INTL CLASS: [5] G06F-015/40 ; G06F-012/00 ; H04N-005/44  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- **Computer Applications**); 44.6 (COMMUNICATION -- **Television** ); 45.2 (INFORMATION PROCESSING -- Memory Units)  
JAPIO KEYWORD: R002 (LASERS); R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: P, Section No. 1590, Vol. 17, No. 435, Pg. 75,

August 11, 1993 (19930811)

ABSTRACT

PURPOSE: To freely examine required items in a **broadcasted** program in detail by referring to, on the **spot**, a multi-media encyclopedia on a CDROM, etc., while receiving a **broadcasting** program.

CONSTITUTION: A central processing unit 5 so **controls** a compact disk player 3 as to constitute a data base. A tuner 7 receives the **radio** wave of **television broadcasting** and a separating circuit 9 separates this signal into video signal and **sound** signal. A video interruption circuit 12 combines the separated video signal with the video data base from the compact disk player 3. The combined video signal is **displayed** on a **display** 4 and the separated **sound** signal is mixed with the **sound** data base from the compact disk player 3 by a **sound** interruption circuit 13. The mixed **sound** is outputted from a speaker 14. Thus, the item received by a **television** is combined with a related data base.

13/5/28 (Item 28 from file: 347)

DIALOG(R) File 347:JAPIO

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03390874 \*\*Image available\*\*

**TELEVISION RECEIVER**

PUB. NO.: 03-053774 [JP 3053774 A]  
PUBLISHED: March 07, 1991 (19910307)  
INVENTOR(s): AOKI YUTAKA  
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-190030 [JP 89190030]  
FILED: July 21, 1989 (19890721)  
INTL CLASS: [5] H04N-005/44; **G06F-015/40** ; H04N-005/85; H04N-005/903; G09G-005/36  
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television** ); 44.9 (COMMUNICATION -- Other); 45.4 (INFORMATION PROCESSING -- **Computer Applications**)  
JOURNAL: Section: E, Section No. 1070, Vol. 15, No. 200, Pg. 95, May 22, 1991 (19910522)

ABSTRACT

PURPOSE: To **display** a program guide or the like directly onto a **TV** screen and to confirm it by providing a CD-ROM read section reading a specific data, processing the content of the data read from the read section and applying **audio** and picture reproduction or the like.

CONSTITUTION: A CD-ROM 7 in which program classification, program name, program channel, start time and end time, summary, **audio** data or the like are written is prepared in advance. When a specific program is desired to observe actually, a reservation **command** is implemented by the operation of an operation section 6. Then a program designated by a cursor (a) is stored in a nonvolatile memory 3 by using a channel and a time as a reservation code. When a reserved start time is reached, the channel is selected according to the reservation code and its reserved program is reproduced on the **television** receiver main body 4. Thus, **television** programs, **advertisements** or commodity catalogs are simply checked. Moreover, more detailed information is obtained from a specific **television** program, **advertisement** or commodity catalog.